

BOOK

4

THE

Modern Practice
Book in Arithmetic

ALVES • FERTSCH • MATTHYS

Name _____ School _____

STECK-VAUGHN COMPANY • AUSTIN, TEXAS

BOOK 4

E#5

The
Modern Practice
Book in Arithmetic

by

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Steck-Vaughn Company • Austin, Texas

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WHAT DO I KNOW?

1. Add:

$$\begin{array}{r} 4 \\ 5 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ 6 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ 9 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ 5 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ 5 \\ \hline \end{array}$$

$$\begin{array}{r} 18 \\ 6 \\ \hline \end{array}$$

$$\begin{array}{r} 23 \\ 9 \\ \hline \end{array}$$

$$\begin{array}{r} \diamond 57 \\ 5 \\ \hline \end{array}$$

2. Subtract:

$$\begin{array}{r} 8 \\ 3 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ 5 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ 4 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ 8 \\ \hline \end{array}$$

$$\begin{array}{r} 25 \\ 12 \\ \hline \end{array}$$

$$\begin{array}{r} 283 \\ 136 \\ \hline \end{array}$$

$$\begin{array}{r} \diamond \$1.50 \\ .65 \\ \hline \end{array}$$

3. Multiply:

$$\begin{array}{r} 14 \\ 2 \\ \hline \end{array}$$

$$\begin{array}{r} 23 \\ 2 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ 3 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ 5 \\ \hline \end{array}$$

$$\begin{array}{r} 22 \\ 4 \\ \hline \end{array}$$

$$\begin{array}{r} 24 \\ 5 \\ \hline \end{array}$$

$$\begin{array}{r} \diamond 35 \\ 4 \\ \hline \end{array}$$

4. Divide:

$$2 \overline{)42}$$

$$3 \overline{)69}$$

$$5 \overline{)45}$$

$$4 \overline{)32}$$

$$3 \overline{)93}$$

$$\begin{array}{r} \diamond \\ 5 \overline{)105} \end{array}$$

5. Write in columns and add:

a.

b.

c.

a. 8¢, 3¢, 2¢

b. 16, 8, 32

c. 25¢, 30¢, 15¢

DO YOUR WORK HERE

6. Marie is reading a book of 85 pages. She has read 50 pages and has _____ pages left to read.

7. If 5 Boy Scouts spend \$15 and they share the expenses equally, each Boy Scout pays \$_____.

\diamond 8. Helen bought a pound of bacon for 63¢, bread for 17¢, and milk for 24¢. She spent \$_____.

WHAT DO I KNOW?

1. Do what the signs say:

$$\begin{array}{llll} 6 + ______ = 12 & 7 + ______ = 14 & 14 - ______ = 8 & 9 + ______ = 17 \\ 12 - ______ = 6 & 14 - ______ = 7 & 16 - ______ = 8 & 16 + ______ = 20 \\ 10 + ______ = 15 & 17 + ______ = 19 & 15 - ______ = 9 & 18 - ______ = 10 \end{array}$$

2. Fill in the blanks:

25 = _____ tens and _____ ones.
46 = _____ tens and _____ ones.
165 = _____ hundred, _____ tens, and _____ ones.
340 = _____ hundreds, _____ tens, and _____ ones.

3. Write in numbers:

| | |
|--|-------------------------------|
| Two hundred fifteen _____ | Three hundred ten _____ |
| Three hundred five _____ | Six hundred forty-five _____ |
| Ninety-five _____ | One hundred thirty-five _____ |
| One thousand four hundred twenty-six _____ | |

4. There are _____ days in a week; _____ pints in a quart; _____ quarts in a gallon; and _____ things in a dozen.

5. Write the number for each blank:

| | | | |
|---------------------|----------------------|----------------------|----------------------|
| Five 2's are _____ | $5 \times 2 =$ _____ | $2 \times 5 =$ _____ | $2 \times 6 =$ _____ |
| Three 3's are _____ | $3 \times 3 =$ _____ | $3 \times 4 =$ _____ | $3 \times 5 =$ _____ |
| Five 4's are _____ | $5 \times 4 =$ _____ | $4 \times 4 =$ _____ | $4 \times 6 =$ _____ |

DO YOUR WORK HERE

6. Jean bought five 2¢ stamps and four 3¢ stamps.

She paid _____¢ for the stamps.

7. There are _____ inches in a foot and _____ inches in a yard.

UNIT I — LESSON 1

1. Addition:

$$\begin{array}{r} 5 \\ 3 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ 5 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ 4 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ 2 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ 1 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ 5 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ 4 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ 3 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ 2 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ 4 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ 1 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ 3 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ 1 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ 1 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ 2 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ 2 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ 4 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ 3 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ 1 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ 6 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ 3 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ 1 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ 6 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ 3 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ 4 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ 7 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ 8 \\ \hline \end{array}$$

2. Subtraction:

$$\begin{array}{r} 3 \\ 2 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ 3 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ 1 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ 3 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ 5 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ 2 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ 5 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ 6 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ 5 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ 1 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ 4 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ 1 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ 4 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ 1 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ 1 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ 5 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ 4 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ 4 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ 3 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ 3 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ 2 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ 2 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ 1 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ 8 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ 2 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ 3 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ 9 \\ \hline \end{array}$$

DO YOUR WORK HERE

3. Joe and Ned went fishing. Joe caught 4 fish and Ned caught 6 fish. Joe and Ned together caught _____ fish.

4. Nell and Ruth counted 9 boats. Three boats sailed away, and _____ boats were left.

5. The fifth-grade boys played ball. Jerry's team made 7 runs, and Tom's team made 3 runs. Together the teams made _____ runs. Jerry's team made _____ runs more than Tom's.

UNIT I — LESSON 2

1. Addition:

$$\begin{array}{r} 3 \\ 5 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ 2 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ 7 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ 4 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ 2 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ 6 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ 4 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ 1 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ 8 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ 1 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ 2 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ 7 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ 1 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ 9 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ 4 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ 5 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ 3 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ 5 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ 6 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ 4 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ 3 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ 6 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ 8 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ 5 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ 6 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ 9 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ 9 \\ \hline \end{array}$$

2. Subtraction:

$$\begin{array}{r} 7 \\ 6 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ 2 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ 7 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ 3 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ 5 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ 4 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ 2 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ 4 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ 6 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ 1 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ 3 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ 2 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ 7 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ 7 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ 6 \\ \hline \end{array} \quad \begin{array}{r} 11 \\ 8 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ 6 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ 8 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ 1 \\ \hline \end{array} \quad \begin{array}{r} 11 \\ 7 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ 8 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ 9 \\ \hline \end{array} \quad \begin{array}{r} 14 \\ 8 \\ \hline \end{array} \quad \begin{array}{r} 13 \\ 6 \\ \hline \end{array} \quad \begin{array}{r} 11 \\ 2 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ 4 \\ \hline \end{array} \quad \begin{array}{r} 15 \\ 9 \\ \hline \end{array}$$

DO YOUR WORK HERE

3. Sue saw 8 ducks in the water and 4 ducks not in the water. She saw _____ ducks in all.
 4. Jack had 8 cents, and his mother gave him 5 cents more. Jack then had _____ cents.
 5. Harry and Roy together read 14 books. Roy read 8 books, and Harry read _____ books.
 6. Dan sold 25 papers in two days. He sold 9 papers the first day and _____ papers the second day.
-

UNIT I – LESSON 3

1. Addition:

$$\begin{array}{r} 9 \\ 7 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ 6 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ 8 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ 9 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ 5 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ 8 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ 7 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ 8 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ 3 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ 6 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ 2 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ 7 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ 9 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ 8 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ 8 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ 9 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ 9 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ 5 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ 6 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ 8 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ 7 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ 5 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ 4 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ 6 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ 9 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ 9 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ 7 \\ \hline \end{array}$$

2. Subtraction:

$$\begin{array}{r} 13 \\ 4 \\ \hline \end{array} \quad \begin{array}{r} 15 \\ 6 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ 7 \\ \hline \end{array} \quad \begin{array}{r} 11 \\ 4 \\ \hline \end{array} \quad \begin{array}{r} 13 \\ 7 \\ \hline \end{array} \quad \begin{array}{r} 11 \\ 6 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ 3 \\ \hline \end{array} \quad \begin{array}{r} 14 \\ 7 \\ \hline \end{array} \quad \begin{array}{r} 17 \\ 8 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ 9 \\ \hline \end{array} \quad \begin{array}{r} 13 \\ 8 \\ \hline \end{array} \quad \begin{array}{r} 14 \\ 6 \\ \hline \end{array} \quad \begin{array}{r} 11 \\ 5 \\ \hline \end{array} \quad \begin{array}{r} 18 \\ 9 \\ \hline \end{array} \quad \begin{array}{r} 15 \\ 7 \\ \hline \end{array} \quad \begin{array}{r} 13 \\ 9 \\ \hline \end{array} \quad \begin{array}{r} 16 \\ 7 \\ \hline \end{array} \quad \begin{array}{r} 13 \\ 5 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ 5 \\ \hline \end{array} \quad \begin{array}{r} 17 \\ 9 \\ \hline \end{array} \quad \begin{array}{r} 14 \\ 9 \\ \hline \end{array} \quad \begin{array}{r} 16 \\ 8 \\ \hline \end{array} \quad \begin{array}{r} 11 \\ 3 \\ \hline \end{array} \quad \begin{array}{r} 15 \\ 9 \\ \hline \end{array} \quad \begin{array}{r} 14 \\ 5 \\ \hline \end{array} \quad \begin{array}{r} 15 \\ 8 \\ \hline \end{array} \quad \begin{array}{r} 16 \\ 9 \\ \hline \end{array}$$

DO YOUR WORK HERE

3. Dan counted 7 pigs in one pen and 8 pigs in another pen. There were _____ pigs in the two pens.
4. There were 18 pencils in a box. The teacher gave 9 pencils away and had _____ pencils left.
5. Bill had 9 cents, and Fay had 6 cents. Together they had _____ cents. They spent 8 cents. They had _____ cents left.

UNIT I—LESSON 4

1. Add down the columns; check by adding up:

| | | | | | | | | |
|----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 3 | 5 | 4 | 2 | 3 | 6 | 5 | 3 | 6 |
| 1 | 2 | 3 | 4 | 4 | 1 | 3 | 2 | 2 |
| 4 | 3 | 7 | 8 | 9 | 5 | 1 | 8 | 7 |
| <u>8</u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> |

| | | | | | | | | |
|-----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 5 | 3 | 6 | 1 | 3 | 4 | 3 | 2 | 4 |
| 2 | 1 | 2 | 3 | 2 | 3 | 1 | 3 | 3 |
| 2 | 2 | 2 | 4 | 3 | 2 | 5 | 1 | 2 |
| 4 | 8 | 7 | 5 | 7 | 6 | 7 | 9 | 7 |
| <u>13</u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> |

2. Subtraction:

| | | | | | | | | |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 68 | 27 | 49 | 77 | 38 | 98 | 59 | 76 | 87 |
| 35 | 15 | 24 | 23 | 14 | 73 | 26 | 45 | 26 |
| <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> |

| | | | | | | | |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 136 | 164 | 119 | 131 | 146 | 139 | 156 | 112 |
| 52 | 91 | 35 | 71 | 91 | 48 | 86 | 91 |
| <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> |

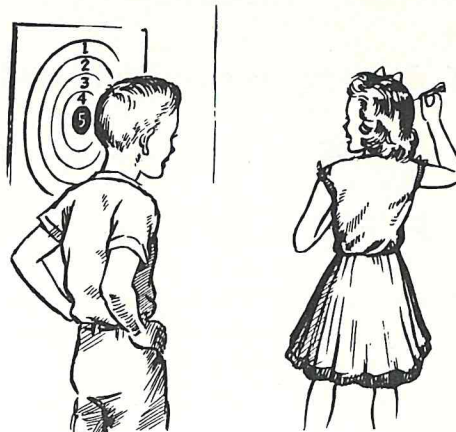
DO YOUR WORK HERE

- Mike had 7 cents, and his mother gave him 9 cents more. Mike now has _____ cents.
- Tom spent 5 cents for a top and 9 cents for a ball. Tom spent _____ cents.
- There are 14 children at Betty's birthday party. Six of them are boys. There are _____ girls.
- May paid 3 cents for cookies, 5 cents for an apple, and 7 cents for milk. She spent _____ cents.
- There are 437 boys and girls in Brooke School. There are _____ boys and 216 girls in the school.

UNIT I — LESSON 5

1. At a party everyone played darts. When a player did not score, he made zero. Each player had four tries. Add the scores:

| Mike | Dick | Jack | Betty | Sue | Jane |
|------|------|------|-------|-----|------|
| 2 | 3 | 4 | 5 | 0 | 5 |
| 3 | 0 | 5 | 2 | 3 | 1 |
| 0 | 4 | 0 | 1 | 4 | 0 |
| 3 | 2 | 1 | 2 | 2 | 4 |



| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5 | 5 | 4 | 3 | 4 | 6 | 4 | 2 | 2 |
| 3 | 5 | 3 | 3 | 5 | 2 | 2 | 5 | 3 |
| 2 | 1 | 2 | 3 | 0 | 0 | 2 | 0 | 5 |
| 1 | 0 | 3 | 1 | 2 | 2 | 6 | 6 | 2 |

2. Add:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 3 | 4 | 0 | 5 | 8 | 3 | 4 | 3 | 4 |
| 6 | 4 | 6 | 2 | 2 | 4 | 2 | 2 | 5 |
| 2 | 0 | 1 | 1 | 0 | 7 | 0 | 3 | 2 |
| 0 | 3 | 7 | 7 | 1 | 0 | 6 | 3 | 1 |

3. Find the sums; when numbers are added, the answer is called the *sum*:

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 8 | 9 | 7 | 5 | 1 | 9 | 7 | 5 | 6 | 8 |
| 3 | 2 | 4 | 3 | 9 | 4 | 6 | 7 | 9 | 7 |
| 6 | 2 | 7 | 8 | 3 | 4 | 7 | 6 | 8 | 9 |
| 4 | 7 | 9 | 8 | 9 | 8 | 7 | 5 | 6 | 9 |

DO YOUR WORK HERE

4. Tom found 9 eggs in one nest and 6 eggs in another nest. Tom found _____ eggs.
5. Father sold 3 hogs the first day of the sale. The second day, he sold 5 hogs, and on the third day he sold 4 hogs. Father sold _____ hogs at the sale.

UNIT I — LESSON 6

1. Count the money; fill in the blanks:

10 pennies are _____ ten, or _____ dime.

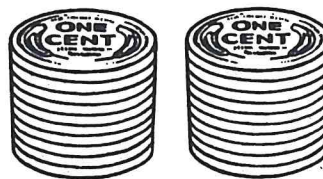
20 pennies are _____ tens, or _____ dimes.

30 pennies are _____ tens, or _____ dimes.

40 pennies are _____ tens, or _____ dimes.

50 pennies are _____ tens, or _____ dimes.

100 pennies are _____ tens, or _____ dimes.



2. Fill in the blanks:

10 means _____ ten and _____ ones.

11 means _____ ten and _____ one.

21 means _____ tens and _____ one.

32 means _____ tens and _____ ones.

47 means _____ tens and _____ ones.

56 means _____ tens and _____ ones.



3. Add:

| | | | | | | | | |
|---|----|----|----|----|----|----|----|----|
| 3 | 13 | 23 | 47 | 56 | 72 | 84 | 62 | 97 |
| 5 | 5 | 6 | 2 | 3 | 5 | 5 | 4 | 2 |

DO YOUR WORK HERE

4. Billy has 13 large blocks and 5 small blocks. Billy has _____ blocks. Eighteen blocks mean _____ ten and _____ ones.

5. Father had 25 pigs in the first pen and 3 pigs in the last pen. He had _____ pigs. Twenty-eight means _____ tens and _____ ones.

6. Sam had 54 pennies. He has _____ tens and _____ ones.

UNIT I — LESSON 7

1. Multiplication. Make the number chart; write by 2's to 18:

| | | | | | | | | |
|------------|----------|----------|--------------|--------------|--------------|--------------|--------------|--------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| $\times 2$ | | | | | | | | |
| <u>2</u> | <u>4</u> | <u>6</u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> |

2. Write by 3's to 27:

| | | | | | | | | |
|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| $\times 3$ | | | | | | | | |
| <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> |

3. Multiply:

| | | |
|-----------------|-----------------|-----------------|
| Two 1's = _____ | Two 4's = _____ | Two 7's = _____ |
| Two 2's = _____ | Two 5's = _____ | Two 8's = _____ |
| Two 3's = _____ | Two 6's = _____ | Two 9's = _____ |

4. Write the number for each blank:

| | | |
|------------------|---------------------|-------------------------|
| $3 + 3 =$ _____ | $3 + 3 + 3 =$ _____ | $3 + 3 + 3 + 3 =$ _____ |
| Two 3's = _____ | Three 3's = _____ | Four 3's = _____ |
| One 3 = _____ | Six 3's = _____ | Seven 3's = _____ |
| Five 3's = _____ | Eight 3's = _____ | Nine 3's = _____ |

5. Multiply:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| $\begin{array}{r} 2 \\ 1 \\ \hline \end{array}$ | $\begin{array}{r} 3 \\ 1 \\ \hline \end{array}$ | $\begin{array}{r} 5 \\ 3 \\ \hline \end{array}$ | $\begin{array}{r} 1 \\ 3 \\ \hline \end{array}$ | $\begin{array}{r} 4 \\ 3 \\ \hline \end{array}$ | $\begin{array}{r} 4 \\ 2 \\ \hline \end{array}$ | $\begin{array}{r} 7 \\ 3 \\ \hline \end{array}$ | $\begin{array}{r} 6 \\ 2 \\ \hline \end{array}$ | $\begin{array}{r} 3 \\ 2 \\ \hline \end{array}$ |
| $\begin{array}{r} 8 \\ 1 \\ \hline \end{array}$ | $\begin{array}{r} 7 \\ 2 \\ \hline \end{array}$ | $\begin{array}{r} 3 \\ 3 \\ \hline \end{array}$ | $\begin{array}{r} 8 \\ 2 \\ \hline \end{array}$ | $\begin{array}{r} 6 \\ 3 \\ \hline \end{array}$ | $\begin{array}{r} 9 \\ 2 \\ \hline \end{array}$ | $\begin{array}{r} 9 \\ 3 \\ \hline \end{array}$ | $\begin{array}{r} 8 \\ 1 \\ \hline \end{array}$ | $\begin{array}{r} 8 \\ 3 \\ \hline \end{array}$ |

DO YOUR WORK HERE

6. Sally bought 3 toy wagons for 9 cents each. Sally
paid _____ cents for the toy wagons.

UNIT I – LESSON 8

1. Make the number chart and write by fours to 36:

| | | | | | | | | |
|----------|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| <u>4</u> | — | — | — | — | — | — | — | — |

2. Make the number chart and write by fives to 45:

| | | | | | | | | |
|----------|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| <u>5</u> | — | — | — | — | — | — | — | — |

3. Write the number for each blank:

| | | |
|-------------------|------------------|-------------------|
| One 4 = _____ | Four 4's = _____ | Seven 4's = _____ |
| Two 4's = _____ | Five 4's = _____ | Eight 4's = _____ |
| Three 4's = _____ | Six 4's = _____ | Nine 4's = _____ |

4. Multiply:

| | | |
|-------------------|------------------|-------------------|
| One 5 = _____ | Four 5's = _____ | Seven 5's = _____ |
| Two 5's = _____ | Five 5's = _____ | Eight 5's = _____ |
| Three 5's = _____ | Six 5's = _____ | Nine 5's = _____ |

5. Multiply:

| | | | | | | | | |
|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| <u>4</u> <u>1</u> | <u>5</u> <u>1</u> | <u>4</u> <u>3</u> | <u>5</u> <u>2</u> | <u>4</u> <u>2</u> | <u>5</u> <u>3</u> | <u>4</u> <u>4</u> | <u>5</u> <u>4</u> | <u>5</u> <u>5</u> |
| <u>6</u> <u>4</u> | <u>7</u> <u>5</u> | <u>6</u> <u>5</u> | <u>7</u> <u>4</u> | <u>8</u> <u>4</u> | <u>8</u> <u>5</u> | <u>9</u> <u>4</u> | <u>9</u> <u>5</u> | <u>4</u> <u>5</u> |

6. Mother bought 5 two-cent stamps and 4 one-cent stamps. She paid _____ cents for the stamps.

7. Mary bought 3 boxes of cookies at 26¢ a lb. and 8 lb. of apples at 15¢ a lb. She spent \$_____.

DO YOUR WORK HERE

UNIT I – LESSON 9

1. Division:

There are two 2's in _____. $\frac{1}{2}$ means to divide by 2.

$$\frac{1}{2} \text{ of } 2 = \text{_____} \quad 4 \div 2 = \text{_____} \quad \frac{1}{2} \text{ of } 4 = \text{_____} \quad \text{Two 2's} = \text{_____}$$

$$\frac{1}{2} \text{ of } 10 = \text{_____} \quad 6 \div 2 = \text{_____} \quad \frac{1}{2} \text{ of } 6 = \text{_____} \quad \text{Three 2's} = \text{_____}$$

$$\frac{1}{2} \text{ of } 14 = \text{_____} \quad 8 \div 2 = \text{_____} \quad \frac{1}{2} \text{ of } 8 = \text{_____} \quad \text{Four 2's} = \text{_____}$$

$$\frac{1}{2} \text{ of } 16 = \text{_____} \quad 12 \div 2 = \text{_____} \quad \frac{1}{2} \text{ of } 12 = \text{_____} \quad \text{Five 2's} = \text{_____}$$

$$\begin{array}{r} 2 \\ 2 \overline{)4} \end{array} \quad \begin{array}{r} 2 \\ 2 \overline{)6} \end{array} \quad \begin{array}{r} 2 \\ 2 \overline{)8} \end{array} \quad \begin{array}{r} 2 \\ 2 \overline{)10} \end{array} \quad \begin{array}{r} 2 \\ 2 \overline{)12} \end{array} \quad \begin{array}{r} 2 \\ 2 \overline{)14} \end{array} \quad \begin{array}{r} 2 \\ 2 \overline{)16} \end{array} \quad \begin{array}{r} 2 \\ 2 \overline{)18} \end{array}$$

2. Multiply:

$$\begin{array}{r} 2 \\ 4 \end{array} \quad \begin{array}{r} 4 \\ 5 \end{array} \quad \begin{array}{r} 3 \\ 6 \end{array} \quad \begin{array}{r} 2 \\ 7 \end{array} \quad \begin{array}{r} 4 \\ 7 \end{array} \quad \begin{array}{r} 7 \\ 3 \end{array} \quad \begin{array}{r} 9 \\ 4 \end{array} \quad \begin{array}{r} 6 \\ 5 \end{array} \quad \begin{array}{r} 5 \\ 5 \end{array}$$

$$\begin{array}{r} 4 \\ 2 \end{array} \quad \begin{array}{r} 5 \\ 4 \end{array} \quad \begin{array}{r} 7 \\ 2 \end{array} \quad \begin{array}{r} 8 \\ 3 \end{array} \quad \begin{array}{r} 7 \\ 4 \end{array} \quad \begin{array}{r} 6 \\ 3 \end{array} \quad \begin{array}{r} 4 \\ 2 \end{array} \quad \begin{array}{r} 3 \\ 8 \end{array} \quad \begin{array}{r} 5 \\ 6 \end{array}$$

3. Find the sums (add):

$$\begin{array}{r} 3 \\ 4 \\ 2 \\ 1 \end{array} \quad \begin{array}{r} 5 \\ 1 \\ 0 \\ 2 \end{array} \quad \begin{array}{r} 7 \\ 0 \\ 1 \\ 1 \end{array} \quad \begin{array}{r} 3 \\ 2 \\ 2 \\ 4 \end{array} \quad \begin{array}{r} 4 \\ 2 \\ 4 \\ 1 \end{array} \quad \begin{array}{r} 1 \\ 3 \\ 2 \\ 9 \end{array} \quad \begin{array}{r} 2 \\ 2 \\ 1 \\ 8 \end{array} \quad \begin{array}{r} 5 \\ 5 \\ 5 \\ 5 \end{array} \quad \begin{array}{r} 7 \\ 7 \\ 6 \\ 1 \end{array}$$

4. Write the answers; watch the signs:

$$16 \div 2 = \text{_____} \quad 2 \times \text{_____} = 16 \quad 18 \div 2 = \text{_____} \quad 2 \times \text{_____} = 18$$

$$20 \div 2 = \text{_____} \quad 2 \times \text{_____} = 20 \quad 10 \div 2 = \text{_____} \quad 2 \times \text{_____} = 10$$

$$12 \div 2 = \text{_____} \quad 2 \times \text{_____} = 12 \quad 14 \div 2 = \text{_____} \quad 2 \times \text{_____} = 14$$

$$8 \div 2 = \text{_____} \quad 2 \times \text{_____} = 8 \quad 4 \div 2 = \text{_____} \quad 2 \times \text{_____} = 4$$

5. Bill bought 9 marbles for 27 cents. He paid

DO YOUR WORK HERE

_____ cents for each marble.

UNIT I — LESSON 10

1. Division:

| | | | |
|-------------------|-----------------------------|--------------------|---------------------|
| Three 2's = _____ | $\frac{1}{3}$ of 6 = _____ | $3 \overline{)6}$ | $6 \div 3 =$ _____ |
| Three 3's = _____ | $\frac{1}{3}$ of 9 = _____ | $3 \overline{)9}$ | $9 \div 3 =$ _____ |
| Four 3's = _____ | $\frac{1}{3}$ of 12 = _____ | $3 \overline{)12}$ | $12 \div 3 =$ _____ |
| Five 3's = _____ | $\frac{1}{3}$ of 15 = _____ | $3 \overline{)15}$ | $15 \div 3 =$ _____ |

2. Divide:

| | | | | | | |
|-------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| $3 \overline{)3}$ | $3 \overline{)6}$ | $4 \overline{)12}$ | $5 \overline{)15}$ | $3 \overline{)9}$ | $7 \overline{)21}$ | $6 \overline{)18}$ |
| $2 \overline{)6}$ | $3 \overline{)12}$ | $3 \overline{)15}$ | $3 \overline{)18}$ | $3 \overline{)21}$ | $3 \overline{)27}$ | $9 \overline{)27}$ |

3. Multiply:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| $\begin{array}{r} 1 \\ 3 \\ \hline \end{array}$ | $\begin{array}{r} 3 \\ 3 \\ \hline \end{array}$ | $\begin{array}{r} 5 \\ 3 \\ \hline \end{array}$ | $\begin{array}{r} 6 \\ 3 \\ \hline \end{array}$ | $\begin{array}{r} 3 \\ 2 \\ \hline \end{array}$ | $\begin{array}{r} 4 \\ 3 \\ \hline \end{array}$ | $\begin{array}{r} 7 \\ 3 \\ \hline \end{array}$ | $\begin{array}{r} 3 \\ 8 \\ \hline \end{array}$ | $\begin{array}{r} 9 \\ 3 \\ \hline \end{array}$ |
| $\begin{array}{r} 3 \\ 1 \\ \hline \end{array}$ | $\begin{array}{r} 3 \\ 5 \\ \hline \end{array}$ | $\begin{array}{r} 3 \\ 6 \\ \hline \end{array}$ | $\begin{array}{r} 2 \\ 3 \\ \hline \end{array}$ | $\begin{array}{r} 3 \\ 4 \\ \hline \end{array}$ | $\begin{array}{r} 4 \\ 4 \\ \hline \end{array}$ | $\begin{array}{r} 3 \\ 7 \\ \hline \end{array}$ | $\begin{array}{r} 8 \\ 3 \\ \hline \end{array}$ | $\begin{array}{r} 3 \\ 9 \\ \hline \end{array}$ |

4. Write the answers; watch the signs:

| | | | |
|---------------------|-------------------------|---------------------|-------------------------|
| $15 \div 3 =$ _____ | $3 \times$ _____ $= 15$ | $21 \div 3 =$ _____ | $3 \times$ _____ $= 21$ |
| $18 \div 3 =$ _____ | $3 \times$ _____ $= 18$ | $27 \div 3 =$ _____ | $3 \times$ _____ $= 27$ |
| $12 \div 4 =$ _____ | $4 \times$ _____ $= 12$ | $27 \div 9 =$ _____ | $9 \times$ _____ $= 27$ |
| $21 \div 7 =$ _____ | $7 \times$ _____ $= 21$ | $24 \div 8 =$ _____ | $8 \times$ _____ $= 24$ |

DO YOUR WORK HERE

5. Our grade had 3 teams of 9 boys in each team.

There were _____ boys in the playing teams.

6. Uncle Ben divided 27 pennies equally among 3 boys. Each boy received _____ pennies.

UNIT I — LESSON 11

1. Division:

| | | | |
|-------------------|-----------------------------|---------------------|-------------------------------|
| Four 2's = | $\frac{1}{4}$ of 8 = | $4 \overline{) 8}$ | $8 \div 4 = \dots\dots\dots$ |
| Three 4's = | $\frac{1}{4}$ of 12 = | $4 \overline{) 12}$ | $12 \div 4 = \dots\dots\dots$ |
| Four 4's = | $\frac{1}{4}$ of 16 = | $4 \overline{) 16}$ | $16 \div 4 = \dots\dots\dots$ |
| Five 4's = | $\frac{1}{4}$ of 20 = | $4 \overline{) 20}$ | $20 \div 4 = \dots\dots\dots$ |

2. Divide:

| | | | | | | | | |
|--------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| $4 \overline{) 4}$ | $4 \overline{) 8}$ | $4 \overline{) 12}$ | $4 \overline{) 24}$ | $4 \overline{) 16}$ | $4 \overline{) 20}$ | $4 \overline{) 28}$ | $4 \overline{) 32}$ | $4 \overline{) 36}$ |
| $2 \overline{) 8}$ | $3 \overline{) 12}$ | $5 \overline{) 20}$ | $7 \overline{) 28}$ | $6 \overline{) 24}$ | $9 \overline{) 36}$ | $8 \overline{) 32}$ | $9 \overline{) 45}$ | $7 \overline{) 35}$ |

3. Multiply:

| | | | | | | | | |
|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| $\begin{array}{r} 1 \\ 4 \end{array}$ | $\begin{array}{r} 4 \\ 2 \end{array}$ | $\begin{array}{r} 3 \\ 4 \end{array}$ | $\begin{array}{r} 4 \\ 4 \end{array}$ | $\begin{array}{r} 5 \\ 4 \end{array}$ | $\begin{array}{r} 7 \\ 4 \end{array}$ | $\begin{array}{r} 4 \\ 6 \end{array}$ | $\begin{array}{r} 9 \\ 4 \end{array}$ | $\begin{array}{r} 4 \\ 8 \end{array}$ |
| $\begin{array}{r} 8 \\ 4 \end{array}$ | $\begin{array}{r} 4 \\ 9 \end{array}$ | $\begin{array}{r} 4 \\ 7 \end{array}$ | $\begin{array}{r} 6 \\ 4 \end{array}$ | $\begin{array}{r} 4 \\ 5 \end{array}$ | $\begin{array}{r} 4 \\ 3 \end{array}$ | $\begin{array}{r} 2 \\ 4 \end{array}$ | $\begin{array}{r} 4 \\ 1 \end{array}$ | $\begin{array}{r} 4 \\ 4 \end{array}$ |

4. Write the answers:

| | | | |
|-------------------------------|----------------------------|-------------------------------|----------------------------|
| $8 \div 2 = \dots\dots\dots$ | $4 \times \dots\dots = 8$ | $32 \div 4 = \dots\dots\dots$ | $8 \times \dots\dots = 32$ |
| $28 \div 4 = \dots\dots\dots$ | $7 \times \dots\dots = 28$ | $24 \div 4 = \dots\dots\dots$ | $4 \times \dots\dots = 24$ |
| $24 \div 6 = \dots\dots\dots$ | $6 \times \dots\dots = 24$ | $32 \div 8 = \dots\dots\dots$ | $4 \times \dots\dots = 32$ |
| $36 \div 9 = \dots\dots\dots$ | $4 \times \dots\dots = 36$ | $28 \div 7 = \dots\dots\dots$ | $4 \times \dots\dots = 28$ |

5. Ruth wants to put 8 candy eggs in each of 4 baskets. She will need candy eggs.

6. Joe earns 20¢ a week. He saves $\frac{1}{4}$ of it, or¢, a week. In 4 weeks he saves cents.

DO YOUR WORK HERE

UNIT I — LESSON 12

1. Divide a circle into five equal parts; each part is called one fifth, or $\frac{1}{5}$:

| | | | |
|-------------------|-----------------------------|--------------------|---------------------|
| Five 2's = _____ | $\frac{1}{5}$ of 10 = _____ | $5 \overline{)10}$ | $10 \div 2 =$ _____ |
| Three 5's = _____ | $\frac{1}{5}$ of 15 = _____ | $5 \overline{)15}$ | $15 \div 3 =$ _____ |
| Four 5's = _____ | $\frac{1}{5}$ of 20 = _____ | $5 \overline{)20}$ | $20 \div 5 =$ _____ |
| Five 5's = _____ | $\frac{1}{5}$ of 25 = _____ | $5 \overline{)25}$ | $25 \div 5 =$ _____ |

2. Divide:

| | | | | | | | | |
|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| $5 \overline{)5}$ | $5 \overline{)15}$ | $2 \overline{)10}$ | $3 \overline{)15}$ | $5 \overline{)10}$ | $4 \overline{)20}$ | $5 \overline{)25}$ | $5 \overline{)20}$ | $5 \overline{)30}$ |
| $6 \overline{)30}$ | $7 \overline{)35}$ | $8 \overline{)40}$ | $5 \overline{)45}$ | $5 \overline{)35}$ | $9 \overline{)45}$ | $5 \overline{)25}$ | $5 \overline{)40}$ | $7 \overline{)49}$ |

3. Multiply:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| $\begin{array}{r} 1 \\ 5 \\ \hline \end{array}$ | $\begin{array}{r} 5 \\ 1 \\ \hline \end{array}$ | $\begin{array}{r} 3 \\ 5 \\ \hline \end{array}$ | $\begin{array}{r} 2 \\ 5 \\ \hline \end{array}$ | $\begin{array}{r} 5 \\ 3 \\ \hline \end{array}$ | $\begin{array}{r} 4 \\ 5 \\ \hline \end{array}$ | $\begin{array}{r} 6 \\ 5 \\ \hline \end{array}$ | $\begin{array}{r} 5 \\ 4 \\ \hline \end{array}$ | $\begin{array}{r} 5 \\ 5 \\ \hline \end{array}$ |
| $\begin{array}{r} 5 \\ 6 \\ \hline \end{array}$ | $\begin{array}{r} 5 \\ 8 \\ \hline \end{array}$ | $\begin{array}{r} 7 \\ 5 \\ \hline \end{array}$ | $\begin{array}{r} 8 \\ 5 \\ \hline \end{array}$ | $\begin{array}{r} 5 \\ 9 \\ \hline \end{array}$ | $\begin{array}{r} 5 \\ 7 \\ \hline \end{array}$ | $\begin{array}{r} 5 \\ 2 \\ \hline \end{array}$ | $\begin{array}{r} 9 \\ 5 \\ \hline \end{array}$ | $\begin{array}{r} 5 \\ 6 \\ \hline \end{array}$ |

4. Fill in each blank:

| | | | |
|---------------------|-------------------------|---------------------|-------------------------|
| $20 \div 4 =$ _____ | $5 \times$ _____ $= 20$ | $35 \div 7 =$ _____ | $5 \times$ _____ $= 35$ |
| $30 \div 6 =$ _____ | $5 \times$ _____ $= 30$ | $15 \div 5 =$ _____ | $3 \times$ _____ $= 15$ |
| $40 \div 8 =$ _____ | $5 \times$ _____ $= 40$ | $45 \div 9 =$ _____ | $5 \times$ _____ $= 45$ |
| $20 \div 5 =$ _____ | $4 \times$ _____ $= 20$ | $30 \div 5 =$ _____ | $5 \times$ _____ $= 30$ |
| $35 \div 5 =$ _____ | $7 \times$ _____ $= 35$ | $45 \div 5 =$ _____ | $9 \times$ _____ $= 45$ |

DO YOUR WORK HERE

5. In our classroom there are 5 rows of desks with
7 desks in each row. There are _____ desks
in the room.

UNIT I — LESSON 13

1. Numbers live together like this:

$$\begin{array}{r} 2 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ - 3 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ - 2 \\ \hline \end{array}$$

$2 \times 3 = \underline{\hspace{2cm}}$

$2 \overline{)6}$

$\text{or } 6 \div 2 = \underline{\hspace{2cm}}$

$3 \times 2 = \underline{\hspace{2cm}}$

$3 \overline{)6}$

$\text{or } 6 \div 3 = \underline{\hspace{2cm}}$

$$\begin{array}{r} 4 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ - 2 \\ \hline \end{array}$$

$4 \times 2 = \underline{\hspace{2cm}}$

$4 \overline{)8}$

$\text{or } 8 \div 4 = \underline{\hspace{2cm}}$

$2 \times 4 = \underline{\hspace{2cm}}$

$2 \overline{)8}$

$\text{or } 8 \div 2 = \underline{\hspace{2cm}}$

$$\begin{array}{r} 3 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ - 3 \\ \hline \end{array}$$

$3 \times 4 = \underline{\hspace{2cm}}$

$3 \overline{)12}$

$\text{or } 12 \div 3 = \underline{\hspace{2cm}}$

$4 \times 3 = \underline{\hspace{2cm}}$

$4 \overline{)12}$

$\text{or } 12 \div 4 = \underline{\hspace{2cm}}$

$5 \times 7 = \underline{\hspace{2cm}}$

$5 \overline{)35}$

$\text{or } 35 \div 5 = \underline{\hspace{2cm}}$

$$\begin{array}{r} 7 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ - 7 \\ \hline \end{array}$$

$7 \times 5 = \underline{\hspace{2cm}}$

$7 \overline{)35}$

$\text{or } 35 \div 7 = \underline{\hspace{2cm}}$

2. Multiply:

$$\begin{array}{r} 4 \\ 7 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ 3 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ 4 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ 3 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ 4 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ 3 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ 8 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ 5 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ 3 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ 2 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ 2 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ 9 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ 6 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ 5 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ 4 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ 4 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ 9 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ 4 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ 6 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ 4 \\ \hline \end{array}$$

3. Divide:

$\frac{1}{2} \text{ of } 4 = \underline{\hspace{2cm}}$

$\frac{1}{3} \text{ of } 6 = \underline{\hspace{2cm}}$

$\frac{1}{5} \text{ of } 30 = \underline{\hspace{2cm}}$

$\frac{1}{2} \text{ of } 6 = \underline{\hspace{2cm}}$

$\frac{1}{3} \text{ of } 9 = \underline{\hspace{2cm}}$

$\frac{1}{6} \text{ of } 30 = \underline{\hspace{2cm}}$

$\frac{1}{2} \text{ of } 12 = \underline{\hspace{2cm}}$

$\frac{1}{4} \text{ of } 12 = \underline{\hspace{2cm}}$

$\frac{1}{6} \text{ of } 24 = \underline{\hspace{2cm}}$

4. There are 7 days in a week. There are _____ days in 3 weeks.

DO YOUR WORK HERE

5. Roland gave 35 marbles to 5 boys. The boys received the same number of marbles, which was _____ marbles.

UNIT I — LESSON 14

1. Count and write by tens to 100:

2. Tell the meaning of each:

50 means _____ tens and _____ ones. 83 means _____ tens and _____ ones.

60 means _____ tens and _____ ones. 92 means _____ tens and _____ ones.

75 means _____ tens and _____ ones. 47 means _____ tens and _____ ones.

3. Add; remember to add the ones' column first and then the tens' column:

| | | | | | | | | |
|---|--|---|---|---|---|---|---|---|
| $\begin{array}{r} 6 \\ 2 \\ \hline 8 \end{array}$ | $\begin{array}{r} 16 \\ 12 \\ \hline 28 \end{array}$ | $\begin{array}{r} 26 \\ 12 \\ \hline \end{array}$ | $\begin{array}{r} 36 \\ 12 \\ \hline \end{array}$ | $\begin{array}{r} 5 \\ 4 \\ \hline \end{array}$ | $\begin{array}{r} 15 \\ 14 \\ \hline \end{array}$ | $\begin{array}{r} 25 \\ 14 \\ \hline \end{array}$ | $\begin{array}{r} 45 \\ 14 \\ \hline \end{array}$ | $\begin{array}{r} 55 \\ 14 \\ \hline \end{array}$ |
|---|--|---|---|---|---|---|---|---|

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| $\begin{array}{r} 17 \\ 11 \\ \hline \end{array}$ | $\begin{array}{r} 27 \\ 21 \\ \hline \end{array}$ | $\begin{array}{r} 37 \\ 31 \\ \hline \end{array}$ | $\begin{array}{r} 67 \\ 41 \\ \hline \end{array}$ | $\begin{array}{r} 50 \\ 20 \\ \hline \end{array}$ | $\begin{array}{r} 60 \\ 10 \\ \hline \end{array}$ | $\begin{array}{r} 70 \\ 30 \\ \hline \end{array}$ | $\begin{array}{r} 75 \\ 13 \\ \hline \end{array}$ | $\begin{array}{r} 85 \\ 23 \\ \hline \end{array}$ |
|---|---|---|---|---|---|---|---|---|

4. Subtract; remember to subtract the ones' column first and then the tens' column. Zero subtracted from a number does not change the number:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| $\begin{array}{r} 23 \\ 10 \\ \hline \end{array}$ | $\begin{array}{r} 33 \\ 22 \\ \hline \end{array}$ | $\begin{array}{r} 46 \\ 23 \\ \hline \end{array}$ | $\begin{array}{r} 56 \\ 34 \\ \hline \end{array}$ | $\begin{array}{r} 63 \\ 21 \\ \hline \end{array}$ | $\begin{array}{r} 65 \\ 44 \\ \hline \end{array}$ | $\begin{array}{r} 67 \\ 55 \\ \hline \end{array}$ | $\begin{array}{r} 80 \\ 40 \\ \hline \end{array}$ | $\begin{array}{r} 95 \\ 80 \\ \hline \end{array}$ |
|---|---|---|---|---|---|---|---|---|

DO YOUR WORK HERE

5. Edith made 15 Christmas cards, and Fay made

14. Together, the girls made _____ Christmas cards.

6. Harry had 75¢, and he spent 40¢ for toys. He had _____¢ left.

7. Nell had 45¢, her aunt gave her 25¢, and her brother gave her 8¢. She spent 50¢ for a doll and had _____¢ left.

UNIT I — LESSON 15

1. Read the numbers:

50 100 150 200 250 300 350 400 450

2. Tell the meaning of each:

50 means tens and ones.

100 means hundred, tens, and ones.

109 means hundred, tens, and ones.

221 means hundreds, tens, and one.

342 means hundreds, tens, and ones.

355 means hundreds, tens, and ones.

3. Add the ones' column first, then add the tens' column, and then the hundreds' column:

| | | | | | | | | |
|-----------|------------|------------|------------|------------|------------|------------|------------|------------|
| 50 | 100 | 325 | 487 | 575 | 683 | 945 | 863 | 979 |
| <u>30</u> | <u>200</u> | <u>103</u> | <u>453</u> | <u>420</u> | <u>362</u> | <u>502</u> | <u>552</u> | <u>455</u> |

4. Subtract from the hundreds' column as you do from the ones' and tens' columns:

| | | | | | | | | |
|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 896 | 775 | 882 | 960 | 620 | 531 | 492 | 783 | 979 |
| <u>263</u> | <u>563</u> | <u>401</u> | <u>640</u> | <u>220</u> | <u>421</u> | <u>381</u> | <u>662</u> | <u>366</u> |

DO YOUR WORK HERE

5. In Highland School there are 256 boys and 233 girls. There are boys and girls in Highland School.

6. Stanley is in the 4-H Club. When he began feeding his calf, it weighed 146 pounds; but it weighed 878 pounds at the day of sale. The calf gained pounds in weight.

7. Carl sold 25 newspapers on Monday, 23 on Tuesday, and 31 on Wednesday. He sold papers in 3 days.

UNIT II — LESSON 1

1. Multiply:

| | | | | | | | | | |
|--|---|--|--|--|--|--|--|--|--|
| $\begin{array}{r} 3 \\ \times 2 \\ \hline 6 \end{array}$ | $\begin{array}{r} 23 \\ 2 \\ \hline 46 \end{array}$ | $\begin{array}{r} 32 \\ 2 \\ \hline \end{array}$ | $\begin{array}{r} 22 \\ 2 \\ \hline \end{array}$ | $\begin{array}{r} 42 \\ 3 \\ \hline \end{array}$ | $\begin{array}{r} 32 \\ 3 \\ \hline \end{array}$ | $\begin{array}{r} 21 \\ 4 \\ \hline \end{array}$ | $\begin{array}{r} 24 \\ 2 \\ \hline \end{array}$ | $\begin{array}{r} 52 \\ 4 \\ \hline \end{array}$ | $\begin{array}{r} 64 \\ 2 \\ \hline \end{array}$ |
| $\begin{array}{r} 84 \\ 2 \\ \hline \end{array}$ | $\begin{array}{r} 41 \\ 8 \\ \hline \end{array}$ | $\begin{array}{r} 21 \\ 9 \\ \hline \end{array}$ | $\begin{array}{r} 61 \\ 4 \\ \hline \end{array}$ | $\begin{array}{r} 52 \\ 3 \\ \hline \end{array}$ | $\begin{array}{r} 91 \\ 5 \\ \hline \end{array}$ | $\begin{array}{r} 63 \\ 3 \\ \hline \end{array}$ | $\begin{array}{r} 72 \\ 4 \\ \hline \end{array}$ | | |

2. Write the answers:

| | | | | | | | | |
|---|--|--|--|--|--|--|--|--|
| $\begin{array}{r} 33\text{¢} \\ \times 2 \\ \hline \end{array}$ | $\begin{array}{r} 22\text{¢} \\ 3 \\ \hline \end{array}$ | $\begin{array}{r} 12\text{¢} \\ 3 \\ \hline \end{array}$ | $\begin{array}{r} 24\text{¢} \\ 2 \\ \hline \end{array}$ | $\begin{array}{r} 21\text{¢} \\ 3 \\ \hline \end{array}$ | $\begin{array}{r} 13\text{¢} \\ 2 \\ \hline \end{array}$ | $\begin{array}{r} 42\text{¢} \\ 2 \\ \hline \end{array}$ | $\begin{array}{r} 32\text{¢} \\ 3 \\ \hline \end{array}$ | $\begin{array}{r} 24\text{¢} \\ 2 \\ \hline \end{array}$ |
|---|--|--|--|--|--|--|--|--|

3. Add:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| $\begin{array}{r} 235 \\ + 402 \\ \hline \end{array}$ | $\begin{array}{r} 768 \\ 231 \\ \hline \end{array}$ | $\begin{array}{r} 979 \\ 620 \\ \hline \end{array}$ | $\begin{array}{r} 893 \\ 702 \\ \hline \end{array}$ | $\begin{array}{r} 562 \\ 935 \\ \hline \end{array}$ | $\begin{array}{r} 696 \\ 303 \\ \hline \end{array}$ | $\begin{array}{r} 103 \\ 604 \\ \hline \end{array}$ | $\begin{array}{r} 545 \\ 400 \\ \hline \end{array}$ | $\begin{array}{r} 378 \\ 821 \\ \hline \end{array}$ |
|---|---|---|---|---|---|---|---|---|

4. Subtract:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| $\begin{array}{r} 985 \\ - 673 \\ \hline \end{array}$ | $\begin{array}{r} 885 \\ 761 \\ \hline \end{array}$ | $\begin{array}{r} 763 \\ 542 \\ \hline \end{array}$ | $\begin{array}{r} 593 \\ 332 \\ \hline \end{array}$ | $\begin{array}{r} 485 \\ 264 \\ \hline \end{array}$ | $\begin{array}{r} 325 \\ 105 \\ \hline \end{array}$ | $\begin{array}{r} 796 \\ 674 \\ \hline \end{array}$ | $\begin{array}{r} 884 \\ 453 \\ \hline \end{array}$ | $\begin{array}{r} 981 \\ 770 \\ \hline \end{array}$ |
|---|---|---|---|---|---|---|---|---|

DO YOUR WORK HERE

5. Leroy makes 34¢ a day selling papers. In 2 days, he makes _____¢.

6. Each of the 3 school buses carries 42 children. The 3 buses together carry _____ children.

7. Ruby and Fay buy their lunches at school. Ruby paid 25¢ each day for 5 days, and Fay paid 30¢ each day for 5 days. Together the girls paid \$_____ for lunches.

UNIT II — LESSON 2

1. Multiply; remember, zero multiplied by a number is zero:

| | | | | | | | | |
|--|---|---|---|---|---|---|---|---|
| $\begin{array}{r} 30 \\ \times 3 \\ \hline 90 \end{array}$ | $\begin{array}{r} 50 \\ \times 5 \\ \hline 250 \end{array}$ | $\begin{array}{r} 30 \\ \times 5 \\ \hline \end{array}$ | $\begin{array}{r} 70 \\ \times 4 \\ \hline \end{array}$ | $\begin{array}{r} 90 \\ \times 3 \\ \hline \end{array}$ | $\begin{array}{r} 60 \\ \times 4 \\ \hline \end{array}$ | $\begin{array}{r} 90 \\ \times 5 \\ \hline \end{array}$ | $\begin{array}{r} 30 \\ \times 4 \\ \hline \end{array}$ | $\begin{array}{r} 70 \\ \times 5 \\ \hline \end{array}$ |
|--|---|---|---|---|---|---|---|---|

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| $\begin{array}{r} 40 \\ \times 3 \\ \hline \end{array}$ | $\begin{array}{r} 30 \\ \times 3 \\ \hline \end{array}$ | $\begin{array}{r} 80 \\ \times 4 \\ \hline \end{array}$ | $\begin{array}{r} 60 \\ \times 5 \\ \hline \end{array}$ | $\begin{array}{r} 80 \\ \times 4 \\ \hline \end{array}$ | $\begin{array}{r} 50 \\ \times 4 \\ \hline \end{array}$ | $\begin{array}{r} 90 \\ \times 3 \\ \hline \end{array}$ | $\begin{array}{r} 20 \\ \times 9 \\ \hline \end{array}$ | $\begin{array}{r} 50 \\ \times 7 \\ \hline \end{array}$ |
|---|---|---|---|---|---|---|---|---|

2. Add down the columns; check by adding up:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| $\begin{array}{r} 56 \\ 12 \\ 31 \\ \hline \end{array}$ | $\begin{array}{r} 72 \\ 13 \\ 34 \\ \hline \end{array}$ | $\begin{array}{r} 84 \\ 10 \\ 73 \\ \hline \end{array}$ | $\begin{array}{r} 25 \\ 62 \\ 32 \\ \hline \end{array}$ | $\begin{array}{r} 48 \\ 30 \\ 20 \\ \hline \end{array}$ | $\begin{array}{r} 96 \\ 13 \\ 30 \\ \hline \end{array}$ | $\begin{array}{r} 77 \\ 20 \\ 42 \\ \hline \end{array}$ | $\begin{array}{r} 90 \\ 13 \\ 83 \\ \hline \end{array}$ | $\begin{array}{r} 55 \\ 44 \\ 20 \\ \hline \end{array}$ |
|---|---|---|---|---|---|---|---|---|

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| $\begin{array}{r} 10 \\ 60 \\ 70 \\ \hline \end{array}$ | $\begin{array}{r} 14 \\ 30 \\ 63 \\ \hline \end{array}$ | $\begin{array}{r} 12 \\ 11 \\ 80 \\ \hline \end{array}$ | $\begin{array}{r} 21 \\ 30 \\ 78 \\ \hline \end{array}$ | $\begin{array}{r} 22 \\ 50 \\ 47 \\ \hline \end{array}$ | $\begin{array}{r} 23 \\ 62 \\ 64 \\ \hline \end{array}$ | $\begin{array}{r} 96 \\ 12 \\ 31 \\ \hline \end{array}$ | $\begin{array}{r} 25 \\ 94 \\ 10 \\ \hline \end{array}$ | $\begin{array}{r} 37 \\ 92 \\ 30 \\ \hline \end{array}$ |
|---|---|---|---|---|---|---|---|---|

3. Subtract:

| | | | | | | | | |
|---|--|--|---|--|--|---|---|---|
| $\begin{array}{r} 9 \\ - 5 \\ \hline \end{array}$ | $\begin{array}{r} 19 \\ - 5 \\ \hline \end{array}$ | $\begin{array}{r} 29 \\ - 5 \\ \hline \end{array}$ | $\begin{array}{r} 8 \\ - 6 \\ \hline \end{array}$ | $\begin{array}{r} 18 \\ - 6 \\ \hline \end{array}$ | $\begin{array}{r} 28 \\ - 6 \\ \hline \end{array}$ | $\begin{array}{r} 388 \\ - 206 \\ \hline \end{array}$ | $\begin{array}{r} 496 \\ - 263 \\ \hline \end{array}$ | $\begin{array}{r} 785 \\ - 673 \\ \hline \end{array}$ |
|---|--|--|---|--|--|---|---|---|

DO YOUR WORK HERE

4. There are 30 dozen eggs in a case. In 4 cases
there are _____ dozen eggs.

5. Jerry is 9 years old and his sister is 15 years old.
Jerry is _____ years younger than his sister.

6. At 60¢ a pound, 3 pounds of butter cost
\$_____.

UNIT II — LESSON 3

1. Divide; remember, we divide tens as we divide ones:

$$\begin{array}{r} 34 \\ 2 \overline{) 68} \\ \underline{6} \\ 8 \\ \underline{8} \\ 0 \end{array}$$

Check:

$$\begin{array}{r} 34 \\ \times 2 \\ \hline 68 \end{array}$$

$$\begin{array}{r} 74 \\ 2 \overline{) 148} \\ \underline{14} \\ 8 \\ \underline{8} \\ 0 \end{array}$$

Check:

$$\begin{array}{r} 74 \\ \times 2 \\ \hline 148 \end{array}$$

$$4 \overline{) 48}$$

$$3 \overline{) 39}$$

$$3 \overline{) 936}$$

$$4 \overline{) 128}$$

$$4 \overline{) 204}$$

$$5 \overline{) 305}$$

$$8 \overline{) 328}$$

$$4 \overline{) 248}$$

$$6 \overline{) 366}$$

$$7 \overline{) 357}$$

$$3 \overline{) 210}$$

$$9 \overline{) 279}$$

2. Find:

$$\frac{1}{4} \text{ of } 84 = \underline{\hspace{2cm}}$$

$$\frac{1}{7} \text{ of } 210 = \underline{\hspace{2cm}}$$

$$\frac{1}{9} \text{ of } 270 = \underline{\hspace{2cm}}$$

$$\frac{1}{5} \text{ of } 150 = \underline{\hspace{2cm}}$$

$$\frac{1}{8} \text{ of } 320 = \underline{\hspace{2cm}}$$

$$\frac{1}{6} \text{ of } 240 = \underline{\hspace{2cm}}$$

$$\frac{1}{3} \text{ of } 180 = \underline{\hspace{2cm}}$$

$$\frac{1}{3} \text{ of } 150 = \underline{\hspace{2cm}}$$

$$\frac{1}{4} \text{ of } 448 = \underline{\hspace{2cm}}$$

3. Multiply; remember, the answer is called the *product*:

$$\begin{array}{r} 42 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 54 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 402 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 122 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 701 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 800 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 901 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 200 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 120 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 733 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 822 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 621 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 654 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 903 \\ \times 3 \\ \hline \end{array}$$

DO YOUR WORK HERE

4. Frank had 64 marbles. He gave Ted $\frac{1}{4}$ of them,
or _____ marbles.

5. Ray went with his father on an automobile
trip. They drove 240 miles in 6 hours. They
drove at a rate of _____ miles an hour.

UNIT II — LESSON 4

1. Divide: remember, zero divided by a number is zero:

$$\begin{array}{r} 20 \\ 3 \overline{)60} \\ \underline{6} \\ 0 \\ \underline{0} \\ 0 \end{array}$$

$$\begin{array}{r} 30 \\ 4 \overline{)120} \\ \underline{12} \\ 0 \\ \underline{0} \\ 0 \end{array}$$

$$3 \overline{)90}$$

$$4 \overline{)80}$$

$$4 \overline{)160}$$

$$3 \overline{)180}$$

$$5 \overline{)200}$$

$$3 \overline{)960}$$

$$6 \overline{)300}$$

$$3 \overline{)930}$$

$$2 \overline{)140}$$

$$8 \overline{)160}$$

$$7 \overline{)140}$$

$$9 \overline{)270}$$

2. Draw a picture to show $\frac{1}{2}$ of a pie.

Draw a picture to show $\frac{1}{3}$ of a pie.

3. Add and check:

$$\begin{array}{r} 15 \\ 24 \\ \underline{10} \end{array}$$

$$\begin{array}{r} 55 \\ 11 \\ \underline{12} \end{array}$$

$$\begin{array}{r} 13 \\ 14 \\ \underline{32} \end{array}$$

$$\begin{array}{r} 46 \\ 10 \\ \underline{20} \end{array}$$

$$\begin{array}{r} 34 \\ 15 \\ \underline{20} \end{array}$$

$$\begin{array}{r} 36 \\ 50 \\ \underline{12} \end{array}$$

$$\begin{array}{r} 37\text{¢} \\ 20\text{¢} \\ \underline{22\text{¢}} \end{array}$$

4. Write the numbers:

Two hundred eight _____

Four hundred three _____

Eight hundred ten _____

Five hundred seventy _____

Nine hundred thirty _____

Six hundred sixty-four _____

5. Frank paid 7¢ for milk, 22¢ for bread, and 10¢ for candy. He spent _____¢.

DO YOUR WORK HERE

6. A farmer fenced 120 acres into 3 equal fields. There were _____ acres in each field.

UNIT II — LESSON 5

1. Add; remember to carry:

$$\begin{array}{r} 7 \\ 6 \\ \hline 13 \end{array} \quad \begin{array}{r} \overset{1}{1}7 \\ 6 \\ \hline 23 \end{array} \quad \begin{array}{r} 3 \\ 7 \\ \hline \end{array} \quad \begin{array}{r} 13 \\ 7 \\ \hline \end{array} \quad \begin{array}{r} 33 \\ 7 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ 8 \\ \hline \end{array} \quad \begin{array}{r} 25 \\ 8 \\ \hline \end{array} \quad \begin{array}{r} 35 \\ 18 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ 8 \\ \hline \end{array} \quad \begin{array}{r} 17 \\ 4 \\ \hline \end{array} \quad \begin{array}{r} 18 \\ 5 \\ \hline \end{array} \quad \begin{array}{r} 16 \\ 7 \\ \hline \end{array} \quad \begin{array}{r} 17 \\ 16 \\ \hline \end{array} \quad \begin{array}{r} 29 \\ 13 \\ \hline \end{array} \quad \begin{array}{r} 36 \\ 15 \\ \hline \end{array} \quad \begin{array}{r} 48 \\ 19 \\ \hline \end{array}$$

2. Subtract:

$$\begin{array}{r} 7 \\ -5 \\ \hline \end{array} \quad \begin{array}{r} 17 \\ 5 \\ \hline \end{array} \quad \begin{array}{r} 27 \\ 5 \\ \hline \end{array} \quad \begin{array}{r} 38 \\ 14 \\ \hline \end{array} \quad \begin{array}{r} 54 \\ 23 \\ \hline \end{array} \quad \begin{array}{r} 463 \\ 203 \\ \hline \end{array} \quad \begin{array}{r} 526 \\ 314 \\ \hline \end{array} \quad \begin{array}{r} 906 \\ 405 \\ \hline \end{array}$$

3. Divide:

$$2 \overline{)24} \quad 4 \overline{)168} \quad 4 \overline{)204} \quad 3 \overline{)210} \quad \diamond 7 \overline{)357}$$

4. Write the numbers:

One hundred twenty-five _____ One dollar and ten cents _____
 Three hundred fifteen _____ Two dollars and twenty cents _____
 Four hundred _____ Four dollars _____
 Five hundred twenty-five _____ Three dollars and fifty cents _____

DO YOUR WORK HERE

5. Travis School has 378 children. There are 165 boys and _____ girls in Travis School.

6. The fourth-grade Reading Club checked out 38 books from the library on Monday and 27 books on Tuesday. The Reading Club checked out _____ books in 2 days.

\diamond 7. Jean had \$36 in her savings bank. She spent $\frac{1}{3}$ of her money for a dress and shoes. She spent \$_____ and had \$_____ left.

UNIT II — LESSON 6

1. Add; remember to carry:

| | | | | | | | |
|---|--|---|--|--|--|--|--|
| $\begin{array}{r} 4 \\ 7 \\ \hline \end{array}$ | $\begin{array}{r} 14 \\ 7 \\ \hline \end{array}$ | $\begin{array}{r} 6 \\ 6 \\ \hline \end{array}$ | $\begin{array}{r} 16 \\ 6 \\ \hline \end{array}$ | $\begin{array}{r} 14 \\ 6 \\ \hline \end{array}$ | $\begin{array}{r} 27 \\ 4 \\ \hline \end{array}$ | $\begin{array}{r} 25 \\ 7 \\ \hline \end{array}$ | $\begin{array}{r} 38 \\ 4 \\ \hline \end{array}$ |
|---|--|---|--|--|--|--|--|

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| $\begin{array}{r} 24 \\ 16 \\ \hline \end{array}$ | $\begin{array}{r} 25 \\ 45 \\ \hline \end{array}$ | $\begin{array}{r} 36 \\ 18 \\ \hline \end{array}$ | $\begin{array}{r} 47 \\ 38 \\ \hline \end{array}$ | $\begin{array}{r} 43 \\ 29 \\ \hline \end{array}$ | $\begin{array}{r} 54 \\ 17 \\ \hline \end{array}$ | $\begin{array}{r} 65 \\ 38 \\ \hline \end{array}$ | $\begin{array}{r} 75 \\ 75 \\ \hline \end{array}$ |
|---|---|---|---|---|---|---|---|

2. Subtract:

| | | | | | | |
|---|--|--|--|--|--|--|
| $\begin{array}{r} 130 \\ -60 \\ \hline \end{array}$ | $\begin{array}{r} 145 \\ 55 \\ \hline \end{array}$ | $\begin{array}{r} 122 \\ 70 \\ \hline \end{array}$ | $\begin{array}{r} 104 \\ 64 \\ \hline \end{array}$ | $\begin{array}{r} 138 \\ 72 \\ \hline \end{array}$ | $\begin{array}{r} 161 \\ 80 \\ \hline \end{array}$ | $\begin{array}{r} 154 \\ 93 \\ \hline \end{array}$ |
|---|--|--|--|--|--|--|

3. Multiply; find the products:

| | | | | | | |
|---|--|--|--|--|--|--|
| $\begin{array}{r} 21 \\ \times 4 \\ \hline \end{array}$ | $\begin{array}{r} 12 \\ 3 \\ \hline \end{array}$ | $\begin{array}{r} 14 \\ 2 \\ \hline \end{array}$ | $\begin{array}{r} 31 \\ 6 \\ \hline \end{array}$ | $\begin{array}{r} 32 \\ 4 \\ \hline \end{array}$ | $\begin{array}{r} 41 \\ 5 \\ \hline \end{array}$ | $\begin{array}{r} 50 \\ 8 \\ \hline \end{array}$ |
|---|--|--|--|--|--|--|

| | | | | | | |
|--|--|--|--|--|--|--|
| $\begin{array}{r} 21 \\ 9 \\ \hline \end{array}$ | $\begin{array}{r} 53 \\ 3 \\ \hline \end{array}$ | $\begin{array}{r} 82 \\ 4 \\ \hline \end{array}$ | $\begin{array}{r} 30 \\ 7 \\ \hline \end{array}$ | $\begin{array}{r} 64 \\ 2 \\ \hline \end{array}$ | $\begin{array}{r} 72 \\ 4 \\ \hline \end{array}$ | $\begin{array}{r} 92 \\ 3 \\ \hline \end{array}$ |
|--|--|--|--|--|--|--|

DO YOUR WORK HERE

4. Mike has 6 hens. It costs him 20 cents a month to feed 1 hen. Mike spends \$_____ to feed the 6 hens.
5. Tom agreed to sell eggs to his neighbor. The first month he sold 47 eggs, and the second month he sold 39 eggs. Tom sold _____ eggs to his neighbor.
6. Nancy made 36 cookies. She gave 2 cookies each to Mary, Mike, Sue, and Tom. Nancy had _____ cookies left.
7. Billie sold 9 dozen eggs at 35¢ a dozen. He received \$_____ for the eggs.

UNIT II — LESSON 7

1. Add; remember to carry:

| | | | | | | | |
|---|---|---|---|---|---|---|--|
| $\begin{array}{r} 14 \\ 28 \\ \hline \end{array}$ | $\begin{array}{r} 26 \\ 37 \\ \hline \end{array}$ | $\begin{array}{r} 38 \\ 15 \\ \hline \end{array}$ | $\begin{array}{r} 26 \\ 16 \\ \hline \end{array}$ | $\begin{array}{r} 47 \\ 24 \\ \hline \end{array}$ | $\begin{array}{r} 54 \\ 36 \\ \hline \end{array}$ | $\begin{array}{r} 48 \\ 44 \\ \hline \end{array}$ | $\begin{array}{r} 79 \\ 36 \\ \hline \end{array}$ |
| $\begin{array}{r} 36 \\ 18 \\ \hline \end{array}$ | $\begin{array}{r} 28 \\ 14 \\ \hline \end{array}$ | $\begin{array}{r} 45 \\ 35 \\ \hline \end{array}$ | $\begin{array}{r} 56 \\ 34 \\ \hline \end{array}$ | $\begin{array}{r} 62 \\ 18 \\ \hline \end{array}$ | $\begin{array}{r} 75 \\ 18 \\ \hline \end{array}$ | $\begin{array}{r} 48 \\ 38 \\ \hline \end{array}$ | $\begin{array}{r} 85\text{¢} \\ 35\text{¢} \\ \hline \end{array}$ |

2. Divide:

| | | | | | |
|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| $3 \overline{)390}$ | $3 \overline{)168}$ | $8 \overline{)240}$ | $5 \overline{)255}$ | $6 \overline{)180}$ | $9 \overline{)450}$ |
| $2 \overline{)104}$ | $7 \overline{)147}$ | $6 \overline{)306}$ | $3 \overline{)633}$ | $4 \overline{)248}$ | $8 \overline{)408}$ |

3. Find the products:

| | | | | | | |
|---|--|--|---|---|---|---|
| $\begin{array}{r} 23 \\ \times 3 \\ \hline \end{array}$ | $\begin{array}{r} 32 \\ 4 \\ \hline \end{array}$ | $\begin{array}{r} 40 \\ 6 \\ \hline \end{array}$ | $\begin{array}{r} 52 \\ 3 \\ \hline \end{array}$ | $\begin{array}{r} 50 \\ 8 \\ \hline \end{array}$ | $\begin{array}{r} 312 \\ 3 \\ \hline \end{array}$ | $\begin{array}{r} 500 \\ 6 \\ \hline \end{array}$ |
| $\begin{array}{r} 41 \\ 9 \\ \hline \end{array}$ | $\begin{array}{r} 83 \\ 3 \\ \hline \end{array}$ | $\begin{array}{r} 31 \\ 7 \\ \hline \end{array}$ | $\begin{array}{r} 412 \\ 4 \\ \hline \end{array}$ | $\begin{array}{r} 502 \\ 2 \\ \hline \end{array}$ | $\begin{array}{r} 431 \\ 3 \\ \hline \end{array}$ | $\begin{array}{r} 603 \\ 2 \\ \hline \end{array}$ |

DO YOUR WORK HERE

4. Jack bought 4 boxes of colored crayons for 12 cents each and a notebook for 25 cents. He spent _____ for the school supplies.

5. Susan wants to buy 20 ice cream cones for the party. She will pay \$_____ more if she buys the 10¢ cones instead of 5¢ cones.

6. Sam read 4 pages of his book in 12 minutes. At this rate, Sam can read the next 9 pages in _____ minutes.

UNIT II — LESSON 8

1. We write one dollar and ten cents like this: \$1.10.

We write three dollars and twenty-five cents like this: \$3.25.

We write forty-five cents like this: 45¢ or \$.45.

When the sum is \$1.00 or more, we always use the \$ sign and the (.) point.

Write:

Two dollars and fifty cents _____

Six dollars and fifteen cents _____

Seven dollars and thirty-five cents _____

Ten dollars and eighty cents _____

2. Add:

| | | | | | |
|------------|------------|------------|-------------|-------------|-------------|
| 13¢ | 25¢ | 54¢ | \$3.40 | \$4.40 | ◊ \$10.25 |
| 62¢ | 47¢ | 35¢ | 1.25 | 2.65 | 4.60 |
| <u>16¢</u> | <u>10¢</u> | <u>11¢</u> | <u>2.40</u> | <u>1.26</u> | <u>3.32</u> |

3. Find the products:

| | | | | | |
|-------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| 28 × 4 <u> </u> | 35 5 <u> </u> | 43 7 <u> </u> | 54 6 <u> </u> | 65 3 <u> </u> | 52 9 <u> </u> |
| 49 2 <u> </u> | 39 3 <u> </u> | 62 5 <u> </u> | 74 4 <u> </u> | 45 8 <u> </u> | 87 3 <u> </u> |

DO YOUR WORK HERE

4. Agnes bought 3 dozen eggs at 45¢ a dozen. She paid \$_____ for the eggs.
5. Marvin sells 65 magazines every month. He sells _____ magazines in 3 months.
6. Sue bought 3 pounds of bacon at 65¢ a pound. She paid \$_____ for the bacon.
- ◊ 7. Ruby bought bread for 18¢, milk for 24¢, and cookies for 16¢. She paid _____¢ for the groceries.

UNIT II — LESSON 9

1. Subtract from ones and tens:

$$\begin{array}{l} 34 = 3 \text{ tens and } 4 \text{ ones} = 2 \text{ tens and } 14 \text{ ones} \\ - 18 = 1 \text{ ten and } 8 \text{ ones} = 1 \text{ ten and } 8 \text{ ones} \\ \hline 16 = \qquad \qquad \qquad = 1 \text{ ten and } 6 \text{ ones} = 16 \end{array}$$

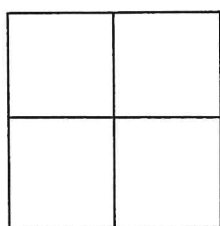
| | | | | | | | |
|---|--|---|---|---|---|---|---|
| $\begin{array}{r} 34 \\ -18 \\ \hline 16 \end{array}$ | $\begin{array}{r} 35 \\ -29 \\ \hline 6 \end{array}$ | $\begin{array}{r} 31 \\ -13 \\ \hline 18 \end{array}$ | $\begin{array}{r} 37 \\ -18 \\ \hline 19 \end{array}$ | $\begin{array}{r} 54 \\ -37 \\ \hline 17 \end{array}$ | $\begin{array}{r} 48 \\ -18 \\ \hline 30 \end{array}$ | $\begin{array}{r} 34 \\ -16 \\ \hline 18 \end{array}$ | $\begin{array}{r} 61 \\ -38 \\ \hline 23 \end{array}$ |
|---|--|---|---|---|---|---|---|

| | | | | | | |
|---|---|---|---|---|---|--|
| $\begin{array}{r} 62 \\ -46 \\ \hline 16 \end{array}$ | $\begin{array}{r} 75 \\ -58 \\ \hline 17 \end{array}$ | $\begin{array}{r} 52 \\ -37 \\ \hline 15 \end{array}$ | $\begin{array}{r} 93 \\ -75 \\ \hline 18 \end{array}$ | $\begin{array}{r} 84 \\ -68 \\ \hline 16 \end{array}$ | $\begin{array}{r} 90 \\ -48 \\ \hline 42 \end{array}$ | $\begin{array}{r} 124 \\ -56 \\ \hline 68 \end{array}$ |
|---|---|---|---|---|---|--|

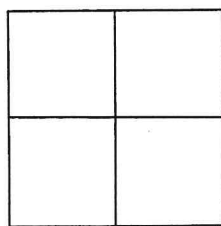
2. Add down; check by adding up:

| | | | | | | | |
|---|---|---|---|---|---|--|--|
| $\begin{array}{r} 36 \\ +23 \\ \hline 59 \end{array}$ | $\begin{array}{r} 43 \\ +25 \\ \hline 68 \end{array}$ | $\begin{array}{r} 56 \\ +24 \\ \hline 80 \end{array}$ | $\begin{array}{r} 50 \\ +39 \\ \hline 89 \end{array}$ | $\begin{array}{r} 68 \\ +24 \\ \hline 92 \end{array}$ | $\begin{array}{r} 75 \\ +20 \\ \hline 95 \end{array}$ | $\begin{array}{r} 38 \\ +63 \\ \hline 101 \end{array}$ | $\begin{array}{r} 70 \\ +45 \\ \hline 115 \end{array}$ |
|---|---|---|---|---|---|--|--|

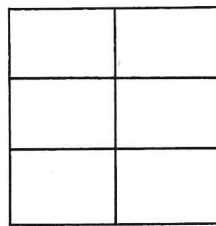
3. Shade each figure to show the fraction written below it:



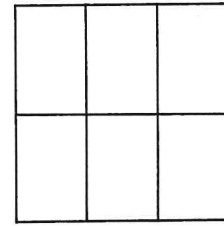
$\frac{1}{2}$



$\frac{1}{4}$



$\frac{1}{3}$



$\frac{1}{6}$

DO YOUR WORK HERE

4. Mark weighs 68 pounds, Ray weighs 72 pounds, and Ned weighs 75 pounds. Together the boys weigh _____ pounds.

5. James and Frank picked plums. They picked 46 pounds one day and 38 pounds the next day. They picked _____ pounds of plums in the two days. They put the plums equally in 4 bags. There were _____ pounds of plums in each bag.

UNIT II — LESSON 10

1. Subtract:

$$\begin{array}{r} \overset{1}{\cancel{2}}\overset{1}{\cancel{3}}8 \\ - 74 \\ \hline 164 \end{array}$$

$$\begin{array}{r} 316 \\ - 83 \\ \hline \end{array}$$

$$\begin{array}{r} 425 \\ - 75 \\ \hline \end{array}$$

$$\begin{array}{r} 126 \\ - 34 \\ \hline \end{array}$$

$$\begin{array}{r} 528 \\ - 145 \\ \hline \end{array}$$

$$\begin{array}{r} 506 \\ - 280 \\ \hline \end{array}$$

$$\begin{array}{r} 540 \\ - 360 \\ \hline \end{array}$$

$$\begin{array}{r} 619 \\ - 385 \\ \hline \end{array}$$

$$\begin{array}{r} 405 \\ - 250 \\ \hline \end{array}$$

$$\begin{array}{r} 228 \\ - 163 \\ \hline \end{array}$$

$$\begin{array}{r} 742 \\ - 382 \\ \hline \end{array}$$

$$\begin{array}{r} 808 \\ - 455 \\ \hline \end{array}$$

2. Add down; check by adding up:

$$\begin{array}{r} 25\phi \\ 33\phi \\ 46\phi \\ \hline \end{array}$$

$$\begin{array}{r} 18\phi \\ 59\phi \\ 35\phi \\ \hline \end{array}$$

$$\begin{array}{r} 54\phi \\ 42\phi \\ 68\phi \\ \hline \end{array}$$

$$\begin{array}{r} \$2.45 \\ 1.63 \\ .76 \\ \hline \end{array}$$

$$\begin{array}{r} \$3.39 \\ 4.63 \\ 1.76 \\ \hline \end{array}$$

$$\begin{array}{r} \$5.20 \\ 3.76 \\ 2.48 \\ \hline \end{array}$$

3. Write the number for each blank:

$2 \times 6 + 1 = \text{-----}$

$3 \times 8 + 4 = \text{-----}$

$8 \times 4 + 5 = \text{-----}$

$3 \times 7 + 4 = \text{-----}$

$5 \times 7 + 3 = \text{-----}$

$6 \times 3 + 7 = \text{-----}$

$5 \times 5 + 5 = \text{-----}$

$4 \times 9 + 2 = \text{-----}$

$7 \times 1 + 4 = \text{-----}$

4. Write the numbers for the blanks:

Three feet = ----- inches

Two years = ----- months

One dozen = ----- things

Four dozen = ----- things

DO YOUR WORK HERE

5. Ruth bought groceries: coffee, 79¢; bread, 24¢; apples, 45¢; and sugar, 38¢. She paid \$-----.

6. Fred helped at a filling station. They sold 423 gallons of gasoline in the morning and 368 gallons in the afternoon. The station sold ----- gallons of gasoline. ----- gallons more of gasoline were sold in the morning than in the afternoon.

UNIT II — LESSON 11

1. Subtract:

$$\begin{array}{r} 342 \\ -168 \\ \hline 174 \end{array}$$

$$\begin{array}{r} 334 \\ 186 \\ \hline \end{array}$$

$$\begin{array}{r} 450 \\ 275 \\ \hline \end{array}$$

$$\begin{array}{r} 515 \\ 338 \\ \hline \end{array}$$

$$\begin{array}{r} 404 \\ 236 \\ \hline \end{array}$$

$$\begin{array}{r} 623 \\ 375 \\ \hline \end{array}$$

$$\begin{array}{r} 802 \\ 437 \\ \hline \end{array}$$

$$\begin{array}{r} 410 \\ 225 \\ \hline \end{array}$$

$$\begin{array}{r} 305 \\ 166 \\ \hline \end{array}$$

$$\begin{array}{r} 503 \\ 246 \\ \hline \end{array}$$

$$\begin{array}{r} 601 \\ 424 \\ \hline \end{array}$$

$$\begin{array}{r} 720 \\ 565 \\ \hline \end{array}$$

$$\begin{array}{r} 910 \\ 678 \\ \hline \end{array}$$

2. Multiply:

$$\begin{array}{r} 9 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ 4 \\ \hline \end{array}$$

$$\begin{array}{r} 38 \\ 3 \\ \hline \end{array}$$

$$\begin{array}{r} 56 \\ 2 \\ \hline \end{array}$$

$$\begin{array}{r} 42 \\ 6 \\ \hline \end{array}$$

$$\begin{array}{r} 35 \\ 7 \\ \hline \end{array}$$

$$\begin{array}{r} 50 \\ 8 \\ \hline \end{array}$$

3. Write the number for each blank:

$$28 \div 4 = \quad 4 \times 7 = \quad 28 \div 7 = \quad 7 \times 4 =$$

$$40 \div 5 = \quad 5 \times 8 = \quad 40 \div 8 = \quad 8 \times 5 =$$

$$36 \div 4 = \quad 4 \times 9 = \quad 36 \div 9 = \quad 9 \times 4 =$$

4. Divide:

$$3 \overline{)366}$$

$$8 \overline{)328}$$

$$4 \overline{)284}$$

$$9 \overline{)360}$$

$$\diamond 3 \overline{)636}$$

$$\diamond 5 \overline{)105}$$

DO YOUR WORK HERE

5. If peas are marked to sell for 9¢ a can, Nell can buy 5 cans of peas for _____ cents.

6. An automobile was driven at a speed of 55 miles an hour. In 2 hours the automobile went _____ miles.

\diamond 7. Earl was paid 75¢ an hour for 4 hours. He was paid \$_____. He spent \$1.25 for a baseball and had \$_____ left.

UNIT II — LESSON 12

1. Subtraction is checked by adding the subtrahend and the remainder. If the sum is equal to the minuend, the work is correct.

$$\begin{array}{r} 32 \text{ minuend} \\ - 15 \text{ subtrahend} \\ \hline 17 \text{ remainder, or difference} \end{array}$$

$$\begin{array}{r} 15 \text{ subtrahend} \\ + 17 \text{ remainder} \\ \hline 32 \text{ minuend} \end{array}$$

Subtract and check:

$$\begin{array}{r} 35 \\ - 18 \\ \hline \end{array}$$

$$\begin{array}{r} 46 \\ - 28 \\ \hline \end{array}$$

$$\begin{array}{r} 50 \\ - 25 \\ \hline \end{array}$$

$$\begin{array}{r} 62 \\ - 35 \\ \hline \end{array}$$

$$\begin{array}{r} 42 \\ - 26 \\ \hline \end{array}$$

$$\begin{array}{r} 74 \\ - 47 \\ \hline \end{array}$$

$$\begin{array}{r} 260 \\ - 145 \\ \hline \end{array}$$

$$\begin{array}{r} 432 \\ - 265 \\ \hline \end{array}$$

$$\begin{array}{r} 300 \\ - 135 \\ \hline \end{array}$$

$$\begin{array}{r} 420 \\ - 163 \\ \hline \end{array}$$

$$\begin{array}{r} 502 \\ - 258 \\ \hline \end{array}$$

$$\begin{array}{r} 610 \\ - 384 \\ \hline \end{array}$$

2. Add down:

$$\begin{array}{r} 24 \\ 46 \\ 31 \\ \hline \end{array}$$

$$\begin{array}{r} 32 \\ 65 \\ 26 \\ \hline \end{array}$$

$$\begin{array}{r} 18 \\ 73 \\ 22 \\ \hline \end{array}$$

$$\begin{array}{r} 49 \\ 31 \\ 45 \\ \hline \end{array}$$

$$\begin{array}{r} 72 \\ 29 \\ 53 \\ \hline \end{array}$$

$$\begin{array}{r} 19 \\ 74 \\ 35 \\ \hline \end{array}$$

$$\begin{array}{r} 84 \\ 26 \\ 33 \\ \hline \end{array}$$

3. Find the products:

$$\begin{array}{r} 21 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 43 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 64 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 52 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 51 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 60 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 41 \\ \times 9 \\ \hline \end{array}$$

4. Ted put 40 pounds of tomatoes in each box.

DO YOUR WORK HERE

He sold 4 boxes of them; this was _____ pounds.

5. Father bought tickets to a game for 75 cents each. The reserved seat costs 35 cents extra. He paid \$_____ for 3 tickets with the reserved seats.

UNIT II — LESSON 13

1. Find the difference and check:

$$\begin{array}{r} 85\text{¢} \\ - 60\text{¢} \\ \hline 25\text{¢} \end{array}$$

$$\begin{array}{r} 95\text{¢} \\ 75\text{¢} \\ \hline \end{array}$$

$$\begin{array}{r} \$1.20 \\ .75 \\ \hline \$.45 \end{array}$$

$$\begin{array}{r} \$3.05 \\ 1.25 \\ \hline \end{array}$$

$$\begin{array}{r} \$4.50 \\ 2.35 \\ \hline \end{array}$$

$$\begin{array}{r} \$5.15 \\ 2.70 \\ \hline \end{array}$$

$$\begin{array}{r} \$1.00 \\ .75 \\ \hline \end{array}$$

$$\begin{array}{r} \$2.10 \\ .65 \\ \hline \end{array}$$

$$\begin{array}{r} \$3.30 \\ 1.55 \\ \hline \end{array}$$

$$\begin{array}{r} \$2.50 \\ 1.35 \\ \hline \end{array}$$

$$\begin{array}{r} \$4.45 \\ 2.85 \\ \hline \end{array}$$

$$\begin{array}{r} \diamond \$10.40 \\ 5.80 \\ \hline \end{array}$$

2. Find the sums and check:

$$\begin{array}{r} 35\text{¢} \\ 54\text{¢} \\ 42\text{¢} \\ \hline \end{array}$$

$$\begin{array}{r} 62\text{¢} \\ 38\text{¢} \\ 25\text{¢} \\ \hline \end{array}$$

$$\begin{array}{r} 75\text{¢} \\ 44\text{¢} \\ 26\text{¢} \\ \hline \end{array}$$

$$\begin{array}{r} \$1.25 \\ .75 \\ 2.40 \\ \hline \end{array}$$

$$\begin{array}{r} \$3.08 \\ 1.64 \\ .45 \\ \hline \end{array}$$

$$\begin{array}{r} \diamond \$10.65 \\ 3.15 \\ 2.55 \\ \hline \end{array}$$

3. Write the number for each blank:

$$3 \times 9 + 4 = \underline{\hspace{2cm}}$$

$$4 \times 7 + 3 = \underline{\hspace{2cm}}$$

$$9 \times 4 + 2 = \underline{\hspace{2cm}}$$

$$3 \times 4 + 5 = \underline{\hspace{2cm}}$$

$$2 \times 6 + 5 = \underline{\hspace{2cm}}$$

$$8 \times 5 + 2 = \underline{\hspace{2cm}}$$

$$8 \times 2 + 4 = \underline{\hspace{2cm}}$$

$$4 \times 5 + 3 = \underline{\hspace{2cm}}$$

$$5 \times 6 + 4 = \underline{\hspace{2cm}}$$

4. Write in columns and add:

a.

b.

\diamond c.

a. 42, 28, 12

b. 35¢, 24¢, 15¢

\diamond c. \$1.25, 65¢, \$2.75

DO YOUR WORK HERE

5. Margie had \$1.50. She spent 75¢ for 3 notebooks and had \$_____ left.

\diamond 6. Ray had \$1.00. He bought a magazine for 30¢, a pencil for 12¢, and a tablet for 8¢. He spent _____¢ and received _____¢ in change.

UNIT II — LESSON 14

1. Write in a column and add:

One dollar and ten cents \$_____

Twenty-five cents _____

Sixty-eight cents _____

The sum is \$_____

2. Add:

| | | | | | |
|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 15¢ | 38¢ | \$.75 | \$ 2.30 | \$ 3.18 | \$ 4.28 |
| 20¢ | 43¢ | .64 | 1.65 | 2.46 | 3.65 |
| 34¢ | 65¢ | .35 | 2.55 | 3.75 | 2.45 |
| <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> |

3. Copy and subtract; then check: a. b. c. d.

a. 72¢ — 36¢

b. \$.80 — .45

c. \$2.20 — 1.60

d. \$3.15 — 1.75

4. Subtract and check:

| | | | | | |
|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| \$ 2.00 | \$ 2.40 | \$ 3.15 | \$ 3.45 | \$ 5.10 | \$ 8.00 |
| — .95 | 1.80 | 1.45 | 1.75 | 2.65 | 4.20 |
| <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> |

DO YOUR WORK HERE

5. Ruby had one dollar and sixty-five cents, and she spent eighty-five cents for a book. She had _____ cents left.

6. Marvin saved from his allowance. The first week he saved 65 cents; the second week, \$1.15; and the third week, 90 cents. He saved \$_____ in three weeks.

UNIT II — LESSON 15

Here are some terms you must learn:

1. When we add two or more numbers, the answer is the

In the problem at the right, the numbers,, and are addends, and the number is the sum.

$$\begin{array}{r} 36 \\ 14 \\ \hline 52 \end{array}$$

2. When we subtract, the answer is the,

or the In the problem at the right, the number is the minuend, the number is the subtrahend, and the number is the remainder, or difference.

$$\begin{array}{r} 256 \\ -132 \\ \hline \end{array}$$

3. When we multiply, the answer is the In

the problem at the right, the number is the multiplicand, the number is the multiplier, and the number is the product.

$$\begin{array}{r} 232 \\ \times 3 \\ \hline \end{array}$$

4. When we divide, the answer is called the

In the problem at the right, the number is the dividend, the number is the divisor, and the number is the quotient.

$$5 \overline{)250}$$

DO YOUR WORK HERE

5. Mark bought 3 tennis balls at 50¢ each. He paid \$..... for the tennis balls.

6. Our school bus was driven 245 miles in 5 days. The bus was driven miles every day.

- ◇ 7. James delivers 38 papers in the morning and 35 papers in the evening. He delivers papers every day. If James is paid 2¢ for each paper he sells, he receives¢ a day for his work.
-

UNIT III — LESSON 1

1. Multiply; remember to carry:

$$\begin{array}{r} 26 \\ \times 3 \\ \hline 78 \end{array}$$

$$\begin{array}{r} 34 \\ 4 \\ \hline \end{array}$$

$$\begin{array}{r} 43 \\ 5 \\ \hline \end{array}$$

$$\begin{array}{r} 54 \\ 6 \\ \hline \end{array}$$

$$\begin{array}{r} 35 \\ 8 \\ \hline \end{array}$$

$$\begin{array}{r} 42 \\ 7 \\ \hline \end{array}$$

$$\begin{array}{r} 48 \\ 2 \\ \hline \end{array}$$

$$\begin{array}{r} 56 \\ 3 \\ \hline \end{array}$$

$$\begin{array}{r} 32 \\ 9 \\ \hline \end{array}$$

$$\begin{array}{r} 64 \\ 5 \\ \hline \end{array}$$

$$\begin{array}{r} 28 \\ 4 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{0} 75 \\ 5 \\ \hline \end{array}$$

2. Write the numbers in the blanks:

$$5 \times 6 + 2 = \text{_____}$$

$$9 \times 3 + 1 = \text{_____}$$

$$8 \times 3 + 4 = \text{_____}$$

$$4 \times 2 + 3 = \text{_____}$$

$$2 \times 4 + 1 = \text{_____}$$

$$5 \times 4 + 3 = \text{_____}$$

$$5 \times 7 + 2 = \text{_____}$$

$$4 \times 3 + 1 = \text{_____}$$

$$7 \times 4 + 1 = \text{_____}$$

3. Add down; check by adding up:

$$\begin{array}{r} 30 \\ 20 \\ 50 \\ \hline \end{array}$$

$$\begin{array}{r} 23 \\ 40 \\ 38 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ 30 \\ 47 \\ \hline \end{array}$$

$$\begin{array}{r} 42 \\ 28 \\ 50 \\ \hline \end{array}$$

$$\begin{array}{r} 236 \\ 143 \\ 323 \\ \hline \end{array}$$

$$\begin{array}{r} 185 \\ 415 \\ 324 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{0} 414 \\ 467 \\ 275 \\ \hline \end{array}$$

4. The days of the week are: Sunday, _____, _____,
_____, _____, _____, and _____.

There are _____ days in a week.

DO YOUR WORK HERE

5. Don reads 24 pages in a book every hour. In 4 hours he can read _____ pages.

6. There are 32 pounds in a bushel of oats. Five bushels of oats weigh _____ pounds.

$\textcircled{0}$ 7. Ned helped his father sack 200 pounds of sugar in 5-pound bags. They had _____ bags of sugar. At 8¢ a pound, the sugar sold for \$_____.

UNIT III — LESSON 2

1. Multiply:

$$\begin{array}{r} 261 \\ \times 2 \\ \hline 522 \end{array}$$

$$\begin{array}{r} 243 \\ 3 \\ \hline \end{array}$$

$$\begin{array}{r} 464 \\ 2 \\ \hline \end{array}$$

$$\begin{array}{r} 242 \\ 4 \\ \hline \end{array}$$

$$\begin{array}{r} 131 \\ 5 \\ \hline \end{array}$$

$$\begin{array}{r} \diamond 530 \\ 4 \\ \hline \end{array}$$

$$\begin{array}{r} \$1.20 \\ 5 \\ \hline \end{array}$$

$$\begin{array}{r} \$2.60 \\ 3 \\ \hline \end{array}$$

$$\begin{array}{r} \$1.61 \\ 4 \\ \hline \end{array}$$

$$\begin{array}{r} \$2.43 \\ 3 \\ \hline \end{array}$$

$$\begin{array}{r} \$1.60 \\ 5 \\ \hline \end{array}$$

$$\begin{array}{r} \diamond \$3.52 \\ 4 \\ \hline \end{array}$$

2. Subtract and check:

$$\begin{array}{r} 21 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 36 \\ 17 \\ \hline \end{array}$$

$$\begin{array}{r} 40 \\ 26 \\ \hline \end{array}$$

$$\begin{array}{r} 82 \\ 49 \\ \hline \end{array}$$

$$\begin{array}{r} 232 \\ 145 \\ \hline \end{array}$$

$$\begin{array}{r} \$2.05 \\ 1.85 \\ \hline \end{array}$$

$$\begin{array}{r} \$5.30 \\ 2.75 \\ \hline \end{array}$$

3. Find the sums:

$$\begin{array}{r} 27 \\ 81 \\ 32 \\ \hline \end{array}$$

$$\begin{array}{r} 68 \\ 47 \\ 89 \\ \hline \end{array}$$

$$\begin{array}{r} 186 \\ 314 \\ 423 \\ \hline \end{array}$$

$$\begin{array}{r} 414 \\ 476 \\ 527 \\ \hline \end{array}$$

$$\begin{array}{r} 138 \\ 97 \\ 265 \\ \hline \end{array}$$

$$\begin{array}{r} 679 \\ 39 \\ 42 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ 127 \\ 93 \\ \hline \end{array}$$

4. Write the number for each blank:

Four 9's = _____ $4 \times 9 =$ _____

$$4 \overline{)36}$$

$$9 \overline{)36}$$

Three 8's = _____ $3 \times 8 =$ _____

$$3 \overline{)24}$$

$$8 \overline{)24}$$

Five 7's = _____ $5 \times 7 =$ _____

$$5 \overline{)35}$$

$$7 \overline{)35}$$

DO YOUR WORK HERE

5. Carl earned \$1.65 each day for 3 days. He earned \$_____ in all.

6. Sue bought 9 bars of candy at 5¢ each. She paid _____ cents for the candy.

\diamond 7. Jack bought 2 new bicycle tires. He paid \$4.40 for one tire and \$3.80 for the other. He paid \$_____ for the tires. One tire cost _____ more than the other.

UNIT III — LESSON 3

1. Multiply:

$$\begin{array}{r} 75\text{¢} \\ \times 3 \\ \hline \$2.25 \end{array}$$

$$\begin{array}{r} 45\text{¢} \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 38\text{¢} \\ 3 \\ \hline \end{array}$$

$$\begin{array}{r} 56\text{¢} \\ 2 \\ \hline \end{array}$$

$$\begin{array}{r} 40\text{¢} \\ 4 \\ \hline \end{array}$$

$$\begin{array}{r} 65\text{¢} \\ 3 \\ \hline \end{array}$$

$$\begin{array}{r} 83\text{¢} \\ 4 \\ \hline \end{array}$$

$$\begin{array}{r} \$1.35 \\ 2 \\ \hline \$2.70 \end{array}$$

$$\begin{array}{r} \$2.25 \\ 4 \\ \hline \end{array}$$

$$\begin{array}{r} \$1.70 \\ 3 \\ \hline \end{array}$$

$$\begin{array}{r} \$2.68 \\ 2 \\ \hline \end{array}$$

$$\begin{array}{r} 50\text{¢} \\ 5 \\ \hline \end{array}$$

$$\begin{array}{r} \$1.72 \\ 4 \\ \hline \end{array}$$

$$\begin{array}{r} \$1.30 \\ 3 \\ \hline \end{array}$$

2. Find the quotients:

$$2 \overline{)40}$$

$$3 \overline{)90}$$

$$4 \overline{)208}$$

$$3 \overline{)126}$$

$$5 \overline{)205}$$

$$3 \overline{)156}$$

$$6 \overline{)366}$$

3. Work; watch the signs:

$$\begin{array}{r} 687 \\ 392 \\ + 87 \\ \hline \end{array}$$

$$\begin{array}{r} 685 \\ - 397 \\ \hline \end{array}$$

$$\begin{array}{r} 167 \\ \times 5 \\ \hline \end{array}$$

$$4 \overline{)168}$$

$$\begin{array}{r} 187 \\ - 99 \\ \hline \end{array}$$

$$9 \overline{)369}$$

4. Add and check:

$$\begin{array}{r} 5 \\ 4 \\ 6 \\ 3 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ 2 \\ 9 \\ 4 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ 6 \\ 0 \\ 5 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ 0 \\ 6 \\ 2 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ 7 \\ 0 \\ 8 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ 9 \\ 1 \\ 7 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ 8 \\ 7 \\ 5 \\ \hline \end{array}$$

$$\begin{array}{r} 23 \\ 40 \\ 38 \\ 59 \\ \hline \end{array}$$

DO YOUR WORK HERE

5. At 65¢ each, 5 tickets cost \$_____.

6. Mark bought a toy for 35¢. He received _____¢
in change from 50¢.

7. Jerry bought 48 three-cent stamps for his
mother. He paid \$_____ for the stamps.

8. Stanley had 55¢, and his father gave him 45¢.
Stanley then had \$_____. He spent 65¢
for a baseball and had _____¢ left.

UNIT III – LESSON 4

1. Divide and check:

$$\begin{array}{r} 3 \\ 2 \overline{) 7} \\ \underline{6} \\ 1 \end{array}$$

Check:

$$\begin{array}{r} 3 \\ 3 \\ \underline{2} \\ 6 \\ \underline{1} \\ 7 \end{array}$$

$$\begin{array}{r} 3 \\ 3 \overline{) 10} \\ \underline{9} \\ 1 \end{array}$$

$$\begin{array}{r} 3 \\ 4 \overline{) 14} \\ \underline{12} \\ 2 \end{array}$$

$$\begin{array}{r} 3 \\ 5 \overline{) 18} \\ \underline{15} \\ 3 \end{array}$$

$$2 \overline{) 5}$$

$$2 \overline{) 11}$$

$$3 \overline{) 14}$$

$$5 \overline{) 22}$$

$$4 \overline{) 23}$$

$$3 \overline{) 22}$$

$$3 \overline{) 26}$$

$$4 \overline{) 34}$$

$$5 \overline{) 27}$$

$$5 \overline{) 38}$$

$$3 \overline{) 38}$$

$$4 \overline{) 49}$$

$$3 \overline{) 67}$$

$$2 \overline{) 49}$$

$$2 \overline{) 85}$$

2. Find the difference:

$$\begin{array}{r} 104 \\ - 36 \\ \hline \end{array}$$

$$\begin{array}{r} 124 \\ - 58 \\ \hline \end{array}$$

$$\begin{array}{r} 160 \\ - 75 \\ \hline \end{array}$$

$$\begin{array}{r} 100 \\ - 72 \\ \hline \end{array}$$

$$\begin{array}{r} 151 \\ - 63 \\ \hline \end{array}$$

$$\begin{array}{r} \diamond 450 \\ - 345 \\ \hline \end{array}$$

3. Write the sum for each problem:

$$\begin{array}{r} 326 \\ + 254 \\ \hline \end{array}$$

$$\begin{array}{r} 478 \\ + 265 \\ \hline \end{array}$$

$$\begin{array}{r} 531 \\ + 487 \\ \hline \end{array}$$

$$\begin{array}{r} \$2.75 \\ + 2.75 \\ \hline \end{array}$$

$$\begin{array}{r} \$5.45 \\ + 3.87 \\ \hline \end{array}$$

$$\begin{array}{r} \diamond \$7.78 \\ + 4.69 \\ \hline \end{array}$$

DO YOUR WORK HERE

4. May had 58 sheets of paper, which she arranged in 3 equal groups. She had _____ sheets in each package and _____ sheets left over.

5. The 144 boys in school are practicing for a parade. With 4 boys to a squad, there are _____ squads of boys in the parade.

UNIT III — LESSON 5

1. Divide:

$$\begin{array}{r} 25 \\ 2 \overline{) 50} \\ \underline{4} \\ 10 \\ \underline{10} \end{array}$$

$$2 \overline{) 32}$$

$$2 \overline{) 52}$$

$$3 \overline{) 45}$$

$$3 \overline{) 51}$$

$$3 \overline{) 54}$$

$$4 \overline{) 56}$$

$$4 \overline{) 76}$$

$$4 \overline{) 96}$$

$$3 \overline{) 72}$$

$$3 \overline{) 84}$$

$$6 \overline{) 65}$$

$$3 \overline{) 89}$$

$$5 \overline{) 75}$$

$$4 \overline{) 92}$$

$$5 \overline{) 95}$$

2. Write the products:

$$\begin{array}{r} 34 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 56 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 85 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} \$2.65 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} \$3.08 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} \$4.36 \\ \times 4 \\ \hline \end{array}$$

3. Write the number for each blank:

$$5 \times 9 = \quad 45 \div 9 = \quad 7 \times 5 = \quad 35 \div 7 =$$

$$4 \times 8 = \quad 32 \div 8 = \quad 4 \times 9 = \quad 36 \div 9 =$$

DO YOUR WORK HERE

4. Jean had a collection of 81 pictures arranged in 3 equal groups. There were _____ pictures in each group.

5. Carl set out 92 onion plants equally in 4 rows. There were _____ plants in each row.

6. Don read 15 pages one hour, 24 pages the second hour, and 18 pages the third hour. His book had 125 pages. Don had _____ pages left to read.

UNIT III — LESSON 6

1. Divide:

$$\begin{array}{r} 34 \text{ r } 1 \\ 2 \overline{) 69} \\ \underline{6} \\ 9 \\ \underline{8} \\ 1 \end{array}$$

$$3 \overline{) 38}$$

$$4 \overline{) 46}$$

$$5 \overline{) 53}$$

$$2 \overline{) 89}$$

$$5 \overline{) 108}$$

$$\begin{array}{r} 232 \text{ r } 2 \\ 3 \overline{) 698} \\ \underline{6} \\ 9 \\ \underline{9} \\ 8 \\ \underline{6} \\ 2 \end{array}$$

$$5 \overline{) 206}$$

$$3 \overline{) 305}$$

$$4 \overline{) 367}$$

$$4 \overline{) 249}$$

$$\begin{array}{r} \\ 3 \overline{) 439} \end{array}$$

2. Work; watch the signs:

$$28 \div 4 = \text{-----} \quad 9 \times 3 = \text{-----} \quad 21 \div 3 = \text{-----} \quad 7 \times 5 = \text{-----}$$

$$6 \times 4 = \text{-----} \quad 36 \div 4 = \text{-----} \quad 5 \times 5 = \text{-----} \quad 32 \div 4 = \text{-----}$$

$$27 \div 9 = \text{-----} \quad 6 \times 5 = \text{-----} \quad 45 \div 5 = \text{-----} \quad 24 \div 3 = \text{-----}$$

3. Add down:

$$\begin{array}{r} 14 \\ 32 \\ \underline{48} \end{array}$$

$$\begin{array}{r} 23 \\ 65 \\ \underline{15} \end{array}$$

$$\begin{array}{r} 40 \\ 38 \\ \underline{18} \end{array}$$

$$\begin{array}{r} 416 \\ 324 \\ \underline{155} \end{array}$$

$$\begin{array}{r} 637 \\ 524 \\ \underline{273} \end{array}$$

$$\begin{array}{r} 408 \\ 793 \\ \underline{247} \end{array}$$

DO YOUR WORK HERE

4. Roy helped his father haul fence posts. They hauled 3 loads, carrying 135 posts each time. They hauled _____ posts.

5. The school library received 325 books. These books were placed equally on 5 shelves. There were _____ books on each shelf.

6. Raymond bought 8 gallons of gasoline at 25¢ a gallon, and 5 quarts of oil at 40¢ a quart. He paid \$_____ for the gasoline and oil.

UNIT III — LESSON 7

1. Divide:

$$3 \overline{) 57}$$

$$2 \overline{) 94}$$

$$3 \overline{) 78}$$

$$4 \overline{) 72}$$

$$5 \overline{) 85}$$

$$5 \overline{) 90}$$

$$2 \overline{) 110}$$

$$3 \overline{) 162}$$

$$4 \overline{) 256}$$

$$5 \overline{) 325}$$

$$3 \overline{) 255}$$

$$4 \overline{) 372}$$

2. Write the answers:

One quart = _____ pints

One dime = _____ cents

One foot = _____ inches

One half-dollar = _____ cents

One dozen = _____ things

One dollar = _____ dimes

3. Subtract:

$$\begin{array}{r} 30 \\ - 14 \\ \hline \end{array}$$

$$\begin{array}{r} 41 \\ - 18 \\ \hline \end{array}$$

$$\begin{array}{r} 53 \\ - 38 \\ \hline \end{array}$$

$$\begin{array}{r} 100 \\ - 65 \\ \hline \end{array}$$

$$\begin{array}{r} \$1.10 \\ - .75 \\ \hline \end{array}$$

$$\begin{array}{r} \$2.05 \\ - .95 \\ \hline \end{array}$$

$$\begin{array}{r} \diamond \$3.25 \\ - 1.38 \\ \hline \end{array}$$

4. Write in numbers; add:

One dollar and five cents \$_____

Ten dollars and twenty cents \$_____

Six dollars and ten cents _____

Fifteen dollars _____

Eighty-five cents _____

Three dollars and sixty cents _____

Ten dollars and seven cents _____

Four dollars and sixteen cents _____

Total \$_____

Total \$_____

5. At 3¢ each, Bill can buy _____ marbles for 75¢.

DO YOUR WORK HERE

6. Stanley bought a tie for \$1.25, a belt for \$1.10, and a cap for 65¢. He spent \$_____ and received \$_____ in change from \$5.00.

UNIT III — LESSON 8

1. Divide:

$$\begin{array}{r} 12\text{¢} \\ 3 \overline{) 36\text{¢}} \end{array}$$

$$\begin{array}{r} \$.72 \\ 4 \overline{) \$2.88} \end{array}$$

$$2 \overline{) 68\text{¢}}$$

$$3 \overline{) 96\text{¢}}$$

$$4 \overline{) \$1.20}$$

$$5 \overline{) \$2.05}$$

$$3 \overline{) \$3.96}$$

$$4 \overline{) \$8.40}$$

$$5 \overline{) \$2.55}$$

$$2 \overline{) \$6.42}$$

$$3 \overline{) \$6.39}$$

$$8 \overline{) \$4.08}$$

$$6 \overline{) \$3.60}$$

$$7 \overline{) \$3.50}$$

$$9 \overline{) \$2.79}$$

2. Add down:

$$\begin{array}{r} 3 \\ 7 \\ 6 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ 4 \\ 8 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ 22 \\ 9 \\ \hline \end{array}$$

$$\begin{array}{r} 48\text{¢} \\ 37\text{¢} \\ 64\text{¢} \\ \hline \end{array}$$

$$\begin{array}{r} \$2.62 \\ .48 \\ 2.36 \\ \hline \end{array}$$

$$\begin{array}{r} \$1.68 \\ .79 \\ 2.25 \\ \hline \end{array}$$

$$\begin{array}{r} \text{¢} \$10.45 \\ 6.69 \\ 4.35 \\ \hline \end{array}$$

DO YOUR WORK HERE

3. Ray paid \$1.89 for 3¢ stamps. He bought _____ stamps.

4. Mary spent \$1.50 for a purse, \$5.50 for shoes, and \$1.25 for ribbon. She spent \$_____.

5. One week Don spent 55¢ for shows, \$1.50 for his lunches, and 65¢ for a book. He spent \$_____ and had _____¢ left from his allowance of \$3.00.

UNIT III — LESSON 9

1. Find the quotients:

$$\begin{array}{r} \$35 \\ 2 \overline{) \$70} \\ \underline{6} \\ 10 \\ \underline{10} \end{array}$$

$$3 \overline{) \$69}$$

$$4 \overline{) \$72}$$

$$5 \overline{) \$75}$$

$$2 \overline{) \$90}$$

$$4 \overline{) \$92}$$

$$3 \overline{) \$1.35}$$

$$2 \overline{) \$1.10}$$

$$5 \overline{) \$2.60}$$

$$3 \overline{) \$4.20}$$

$$5 \overline{) \$2.25}$$

$$\diamond 4 \overline{) \$3.00}$$

2. Find the products:

$$\begin{array}{r} 32 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 48 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 70 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 65 \text{ ¢} \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 78 \text{ ¢} \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 90 \text{ ¢} \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 95 \text{ ¢} \\ \times 3 \\ \hline \end{array}$$

3. Write the answers:

One hour = _____ minutes

One yard = _____ feet

One pound = _____ ounces

One day = _____ hours

One quarter = _____ cents

One gallon = _____ quarts

One week = _____ days

One dozen = _____ things

One year = _____ months

One half-dollar = _____ cents

DO YOUR WORK HERE

4. Tom paid 75¢ for 3 magazines. The average price of a magazine was _____ cents.

5. Louise bought 3 jars of jelly at 45¢ each. She paid \$_____ for the jelly.

\diamond 6. If \$1.65 is divided equally among 3 children, each child receives _____ cents.

UNIT III — LESSON 10

1. Five girls made a record of their spelling grades. Find the *average* grades for the girls.

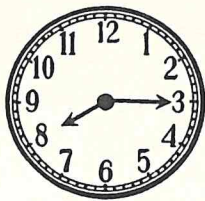
| MONTH | JEAN | AGNES | HELEN | SUE | NELL |
|----------|------|-------|-------|-----|------|
| January | 95 | 72 | 60 | 65 | 80 |
| February | 75 | 80 | 70 | 76 | 65 |
| March | 85 | 88 | 80 | 78 | 95 |
| Total | 255 | | | | |
| Average | 85 | | | | |

To find the *average*: Add the grades for each girl and divide by 3.

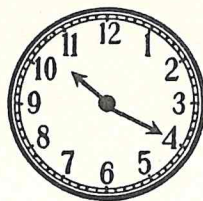
DO YOUR WORK HERE

2. Ben found 24 turkey eggs on Monday, 32 eggs on Tuesday, and 40 eggs on Wednesday. He found an average of _____ eggs a day.
3. Jerry went on a trip with his father. They drove 428 miles in 4 days. They drove an average of _____ miles a day.
4. Mr. Stone sold 405 bushels of peaches from a 5-acre orchard. He sold an average of _____ bushels of peaches an acre.
5. Roy sold 4 pigs weighing 45 pounds, 55 pounds, 42 pounds, and 50 pounds. The pigs together weighed _____ pounds. The average weight of a pig was _____ pounds.
6. Mr. Stanton plowed 45 acres in 5 days. He plowed an average of _____ acres a day.
7. The attendance of the fourth-grade pupils was 24, 28, 30, 32, 26. The average attendance was _____ pupils a day.

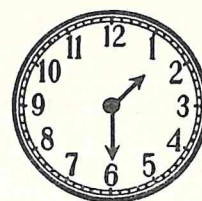
UNIT III – LESSON 11



A

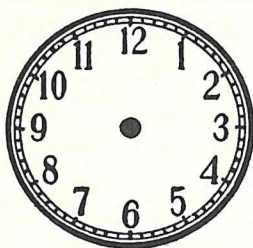


B

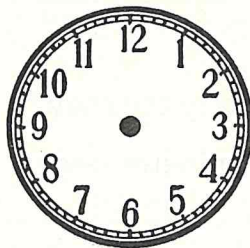


C

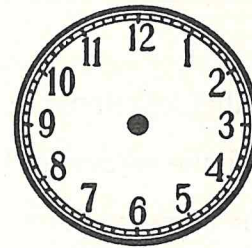
1. A shows _____ minutes past _____ o'clock. It is 8:15 o'clock.
2. B shows _____ minutes past _____ o'clock. It is 10:20 o'clock.
3. C shows _____ minutes past _____ o'clock. It is 1:30 o'clock.
4. It takes _____ minutes for the long hand to move from one number to the next number. It takes _____ minutes, or _____ hour, for the long hand to move around the clock face.
5. It takes _____ hour for the short hand to move from one number to the next number. It takes _____ hours for the short hand to move around the clock face.
6. Draw hands to show:



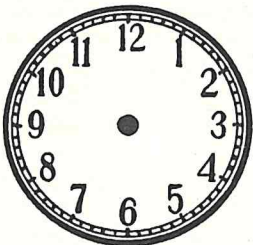
8:00 o'clock



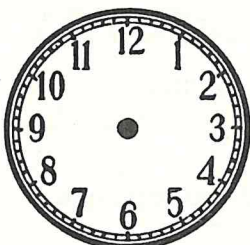
9:30 o'clock



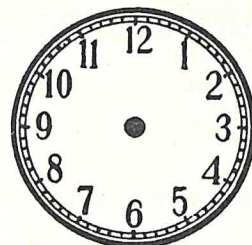
10:40 o'clock



12:00 o'clock



1:40 o'clock



3:30 o'clock

DO YOUR WORK HERE

7. Mary played from 2:30 P.M. until 4:00 P.M. She played _____ hours.
8. Harold went to school at 8:00 A.M. and came home at 4:00 P.M. He was away from home _____ hours.

UNIT III — LESSON 12

1. There are _____ minutes in an hour, _____ hours in a day, and _____ days in a week.
2. There are _____ months in a year, _____ weeks in a year, and _____ days in a year.

3. Find:

$$\frac{1}{2} \text{ of } 60 \text{ min.} = \text{_____ min.}$$

$$\frac{1}{4} \text{ of } 60 \text{ min.} = \text{_____ min.}$$

$$\frac{1}{2} \text{ of } 24 \text{ hr.} = \text{_____ hr.}$$

$$\frac{1}{3} \text{ of } 24 \text{ hr.} = \text{_____ hr.}$$

$$\frac{1}{2} \text{ of } 12 \text{ mo.} = \text{_____ mo.}$$

$$\frac{1}{4} \text{ of } 12 \text{ mo.} = \text{_____ mo.}$$

4. A.M. is the time between midnight and _____.

P.M. is the time between noon and _____.

- a. Ben goes to school from 8:00 A.M. to 3:00 P.M. He goes to school _____ hours.
- b. From 10:30 A.M. to 2:30 P.M. is _____ hours.
- c. There are _____ hours from 6:30 A.M. to 10:30 A.M., and _____ hours from 2:00 P.M. to 8:30 P.M.

DO YOUR WORK HERE

5. Mabel left home at 1:30 P.M. to go to the show, and she returned 2 hours and 30 minutes later. She came home at _____ P.M.
6. Nell bought a quart of ice cream at 25¢ a pint. She paid _____¢ for the ice cream.
7. Harry works from 3 P.M. to 6 P.M. every school day. At 45¢ an hour, he earns \$_____ in a day and \$_____ in five days.
8. Jack had 48 baby chicks and gave $\frac{1}{4}$ of them to his sister. He gave _____ chicks to his sister and had _____ chicks left.

UNIT III — LESSON 13

1. Write the number for each blank:

There are _____ ounces in a pound.

There are _____ ounces in 3 pounds.

There are _____ dimes in 3 dollars.

There are _____ days in 4 weeks.

There are _____ pints in 2 gallons.

There are _____ quarts in 5 gallons.

There are _____ feet in 5 yards.

There are _____ inches in 4 feet.

2. Find the products:

$$\begin{array}{r} 35\text{¢} \\ 2 \\ \hline \end{array}$$

$$\begin{array}{r} 55\text{¢} \\ 3 \\ \hline \end{array}$$

$$\begin{array}{r} 75\text{¢} \\ 2 \\ \hline \end{array}$$

$$\begin{array}{r} 45\text{¢} \\ 4 \\ \hline \end{array}$$

$$\begin{array}{r} \$1.20 \\ 5 \\ \hline \end{array}$$

$$\begin{array}{r} \text{¢} \$1.43 \\ 6 \\ \hline \end{array}$$

3. Write the quotients:

$$3 \overline{) \$1.65}$$

$$5 \overline{) \$2.05}$$

$$4 \overline{) \$4.20}$$

$$2 \overline{) \$3.72}$$

$$5 \overline{) \$4.50}$$

$$4 \overline{) \$8.96}$$

4. Work; watch the signs:

$$\begin{array}{r} \$4.00 \\ 3.18 \\ .75 \\ + 2.53 \\ \hline \end{array}$$

$$\begin{array}{r} 46\text{¢} \\ - 18\text{¢} \\ \hline \end{array}$$

$$\begin{array}{r} 56\text{¢} \\ \times 4 \\ \hline \end{array}$$

$$5 \overline{) 515}$$

$$\begin{array}{r} \text{¢} \\ 4 \overline{) 4260} \end{array}$$

$$\begin{array}{r} 75\text{¢} \\ - 37\text{¢} \\ \hline \end{array}$$

$$\begin{array}{r} 45\text{¢} \\ \times 5 \\ \hline \end{array}$$

5. Pat's mother bought 6 cans of fruit juice for \$1.50. She paid _____¢ a can for the fruit juice.

DO YOUR WORK HERE

6. Doris bought 10 pounds of potatoes at 6¢ a pound. The potatoes cost _____¢, and Doris received _____¢ in change from a dollar.

UNIT III — LESSON 14

1. There are _____ days in a week and _____ days in 5 weeks.

There are _____ eggs in a dozen and _____ eggs in 4 dozen.

There are _____ quarts in a gallon and _____ quarts in 3 gallons.

There are _____ months in a year and _____ months in 3 years.

2. Write in \$ and ¢ and add:

One dollar and fifty-two cents \$_____ Five dollars and five cents \$_____

Eight dollars and ten cents _____ One dollar and eight cents _____

Ninety-three cents _____ Ten dollars and fifty cents _____

Twelve dollars and six cents _____ Seven dollars and fifteen cents _____

Total \$_____

Total \$_____

3. Work; watch the signs:

$$\begin{array}{r} \$3.75 \\ .88 \\ 2.25 \\ + 2.65 \\ \hline \end{array}$$

$$\begin{array}{r} \$3.05 \\ - 1.60 \\ \hline \end{array}$$

$$\begin{array}{r} \$2.42 \\ \times 4 \\ \hline \end{array}$$

$$5 \overline{) \$3.65}$$

$$\begin{array}{r} \diamond \\ 4 \overline{) \$7.32} \end{array}$$

DO YOUR WORK HERE

4. Mary has \$23.50 but needs to earn \$_____ more to go to camp, which will cost her \$36.00.

5. There are 52 weeks in a year and _____ weeks in 2 years.

6. Ruth had \$7.50 in her savings bank. She spent \$1.25 for toys and then deposited 75¢. She then had \$_____ in her savings account.

\diamond 7. Mrs. Storey bought an electric churn for \$58.50. She paid \$22.50 in cash and the balance of \$_____ in 4 equal payments of \$_____.

UNIT III — LESSON 15

1. Write the number for each blank:

1 lb. = _____ oz. 1 yr. = _____ mo. 1 bu. = _____ pk.
 1 doz. = _____ things 1 ft. = _____ in. 1 day = _____ hr.
 1 hr. = _____ min. 1 hr. = _____ min. 1 yr. = _____ days

2. Write in \$ and ¢ and add:

Twenty-five dollars and thirty-six cents \$_____

One hundred eight dollars and fifty cents _____

Sixty-five dollars and eighteen cents _____

Two hundred six dollars and ten cents _____

The sum \$_____

3. Write the quotients:

$$\begin{array}{r} 2 \overline{)174} \\ 3 \overline{)237} \\ 4 \overline{)435} \\ 3 \overline{)426} \\ \diamond 5 \overline{)510} \end{array}$$

$$\begin{array}{r} 2 \overline{)209} \\ 3 \overline{)378} \\ 4 \overline{)348} \\ 5 \overline{)330} \\ 5 \overline{)700} \end{array}$$

4. Subtract:

$$\begin{array}{r} 270 \\ -156 \\ \hline \end{array} \quad \begin{array}{r} 590 \\ 485 \\ \hline \end{array} \quad \begin{array}{r} 401 \\ 204 \\ \hline \end{array} \quad \begin{array}{r} \$6.25 \\ 2.50 \\ \hline \end{array} \quad \begin{array}{r} \$8.10 \\ 4.80 \\ \hline \end{array} \quad \begin{array}{r} \diamond \$10.15 \\ 7.65 \\ \hline \end{array}$$

5. If an airplane flies 250 miles an hour, it flies _____ miles in 5 hours.

\diamond 6. Mr. Fulton bought 4 bushels of apples for \$13.

He paid \$_____ a bushel.

DO YOUR WORK HERE

UNIT IV — LESSON 1

1. We study the 6's:

$$\text{Three 6's} = 18$$

$$\text{Three 6's} = 18$$

$$\text{Six 6's} =$$

$$\text{Five 6's} = 30$$

$$\text{Four 6's} = 24$$

$$\text{Nine 6's} =$$

$$\text{Three 6's} = 18$$

$$\text{Four 6's} = 24$$

$$\text{Seven 6's} =$$

$$6 \times 6 =$$

$$6 \times 7 =$$

$$6 \times 5 =$$

$$\text{Four 6's} = 24$$

$$\text{Four 6's} = 24$$

$$\text{Eight 6's} =$$

$$6 \times 8 =$$

$$6 \times 9 =$$

$$6 \times 4 =$$

2. Complete and study the chart for the 6's:

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|------------|---|---|---|---|---|---|---|---|
| $\times 6$ | | | | | | | | |

3. Write the answers:

$$\begin{array}{r} 6 \\ \times 4 \\ \hline \end{array}$$

$$4 \overline{)24}$$

$$\begin{array}{r} 4 \\ \times 6 \\ \hline \end{array}$$

$$6 \overline{)24}$$

$$\begin{array}{r} 6 \\ \times 5 \\ \hline \end{array}$$

$$5 \overline{)30}$$

$$\begin{array}{r} 5 \\ \times 6 \\ \hline \end{array}$$

$$6 \overline{)30}$$

$$\begin{array}{r} 6 \\ \times 6 \\ \hline \end{array}$$

$$6 \overline{)36}$$

$$\begin{array}{r} 7 \\ \times 6 \\ \hline \end{array}$$

$$6 \overline{)42}$$

$$\begin{array}{r} 8 \\ \times 6 \\ \hline \end{array}$$

$$6 \overline{)48}$$

$$\begin{array}{r} 9 \\ \times 6 \\ \hline \end{array}$$

$$6 \overline{)54}$$

DO YOUR WORK HERE

4. Leroy sold tomatoes. He put 8 pounds of tomatoes in each box and sold them at 6¢ a pound. He received _____¢ for each box.
5. Fay saved 6 cents of her allowance every week for 9 weeks. She saved _____ cents.
6. Charles bought 3 baseballs at 45¢ each. He gave \$2.00 in payment and received _____¢ in change.
7. James has 54¢. He can buy _____ 6-cent ice cream cones. At the same price, 12 ice cream cones would cost _____ cents.

UNIT IV — LESSON 2

1. Find the products:

$$\begin{array}{r} 12 \\ \times 6 \\ \hline 72 \end{array}$$

$$\begin{array}{r} 23 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 35 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 42 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 50 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 54 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 46 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 66 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 68 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 75 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 53 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 87 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 79 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 98 \\ \times 6 \\ \hline \end{array}$$

2. Add and check:

$$\begin{array}{r} 35\text{¢} \\ 15\text{¢} \\ 25\text{¢} \\ \hline \end{array}$$

$$\begin{array}{r} 16\text{¢} \\ 28\text{¢} \\ 32\text{¢} \\ \hline \end{array}$$

$$\begin{array}{r} 45\text{¢} \\ 68\text{¢} \\ 27\text{¢} \\ \hline \end{array}$$

$$\begin{array}{r} \$2.25 \\ 1.05 \\ .87 \\ \hline \end{array}$$

$$\begin{array}{r} \$1.85 \\ 3.06 \\ .75 \\ \hline \end{array}$$

$$\begin{array}{r} \$5.47 \\ 1.64 \\ 2.36 \\ \hline \end{array}$$

3. Subtract and check:

$$\begin{array}{r} 24 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 32 \\ -18 \\ \hline \end{array}$$

$$\begin{array}{r} 49 \\ -28 \\ \hline \end{array}$$

$$\begin{array}{r} 52 \\ -27 \\ \hline \end{array}$$

$$\begin{array}{r} 240 \\ -154 \\ \hline \end{array}$$

$$\begin{array}{r} 362 \\ -249 \\ \hline \end{array}$$

$$\begin{array}{r} 410 \\ -284 \\ \hline \end{array}$$

4. Write the number for each blank:

$$\frac{1}{2} \text{ of } 72 = \underline{\hspace{2cm}}$$

$$\frac{1}{4} \text{ of } 56 = \underline{\hspace{2cm}}$$

$$\frac{1}{3} \text{ of } 69 = \underline{\hspace{2cm}}$$

$$\frac{1}{5} \text{ of } 80 = \underline{\hspace{2cm}}$$

$$\frac{1}{6} \text{ of } 180 = \underline{\hspace{2cm}}$$

$$\frac{1}{5} \text{ of } 125 = \underline{\hspace{2cm}}$$

DO YOUR WORK HERE

5. Seldon bought 6 gallons of gasoline at 27¢ a gallon. He paid \$_____ for the gasoline.

6. Joan went to see her grandmother. The ticket for an adult is \$4.38, but Joan pays only half fare. She paid \$_____.

7. Jay missed $\frac{1}{6}$ of the 30 words in spelling. He missed _____ words and spelled _____ words correctly.

UNIT IV — LESSON 3

1. Find the products:

$$\begin{array}{r} 123 \\ \times 6 \\ \hline 738 \end{array}$$

$$\begin{array}{r} 205 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 341 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 431 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 514 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 356 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 409 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 270 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 297 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 488 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 168 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 719 \\ \times 6 \\ \hline \end{array}$$

2. Write in columns and add:

a.

b.

c.

a. 28, 243, 9, 365

b. \$2.07, \$.73, \$3.50, \$.08

c. 265, 78, 382, 65

3. First say the products; then write them:

Six 5's = _____ $6 \times 5 =$ _____ $8 \times 5 =$ _____ $9 \times 4 =$ _____

Nine 3's = _____ $9 \times 3 =$ _____ $9 \times 5 =$ _____ $6 \times 8 =$ _____

Six 6's = _____ $6 \times 6 =$ _____ $6 \times 7 =$ _____ $\diamond 6 \times 10 =$ _____

4. Subtract and check:

$$\begin{array}{r} 38 \\ - 20 \\ \hline \end{array}$$

$$\begin{array}{r} 46 \\ - 27 \\ \hline \end{array}$$

$$\begin{array}{r} 52 \\ - 35 \\ \hline \end{array}$$

$$\begin{array}{r} 200 \\ - 145 \\ \hline \end{array}$$

$$\begin{array}{r} \$3.00 \\ - 2.25 \\ \hline \end{array}$$

$$\begin{array}{r} \diamond \$5.10 \\ - 3.75 \\ \hline \end{array}$$

DO YOUR WORK HERE

5. Leroy picked 175 pounds of cotton each day for 6 days. He picked _____ pounds of cotton.

6. If a car goes 23 miles on a gallon of gasoline, it can go _____ miles on 6 gallons of gasoline.

\diamond 7. Bill bought shoes for \$5.50 and a cap for \$1.35. He spent \$_____ and received \$_____ in change from a \$10 bill.

UNIT IV — LESSON 4

1. Find the quotients:

$$\begin{array}{r} 4 \\ 6 \overline{) 24} \\ \underline{24} \end{array}$$

$$6 \overline{) 66}$$

$$6 \overline{) 72}$$

$$6 \overline{) 84}$$

$$6 \overline{) 96}$$

$$6 \overline{) 90}$$

$$6 \overline{) 366}$$

$$6 \overline{) 246}$$

$$6 \overline{) 306}$$

$$6 \overline{) 312}$$

$$6 \overline{) 132}$$

$$6 \overline{) 324}$$

$$6 \overline{) 636}$$

$$6 \overline{) 846}$$

$$6 \overline{) 504}$$

$$6 \overline{) 546}$$

$$6 \overline{) 426}$$

$$6 \overline{) 522}$$

2. Find the products:

$$\begin{array}{r} 8 \text{ ¢} \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \text{ ¢} \\ 4 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \text{ ¢} \\ 6 \\ \hline \end{array}$$

$$\begin{array}{r} 24 \text{ ¢} \\ 6 \\ \hline \end{array}$$

$$\begin{array}{r} \$3.06 \\ 6 \\ \hline \end{array}$$

$$\begin{array}{r} \$2.58 \\ 6 \\ \hline \end{array}$$

$$\begin{array}{r} \$3.79 \\ 6 \\ \hline \end{array}$$

3. Write in \$ and ¢ and add:

Three dollars and fifteen cents \$_____

Five dollars and six cents _____

Ten dollars and twenty-five cents _____

Seventy-five cents _____

The sum \$_____

DO YOUR WORK HERE

4. Ralph bought 4 dozen apples for \$1.80. He paid _____ ¢ a dozen for the apples.

5. Joe works 3 hours each school day and 5 hours on Saturday. He works _____ hours a week.

6. Mr. Hall had 268 sheep on the farm. He sold $\frac{1}{4}$ of the sheep and had _____ sheep left.

UNIT IV — LESSON 5

1. Divide and check:

$$\begin{array}{r} 20 \\ 6 \overline{) 120} \\ \underline{12} \\ 0 \\ \underline{0} \end{array}$$

Check:

$$\begin{array}{r} 20 \\ \times 6 \\ \hline 120 \end{array}$$

$$6 \overline{) 180}$$

$$6 \overline{) 240}$$

$$6 \overline{) 420}$$

$$6 \overline{) 300}$$

$$6 \overline{) 306}$$

$$6 \overline{) 480}$$

$$6 \overline{) 702}$$

$$6 \overline{) 720}$$

$$6 \overline{) 606}$$

$$6 \overline{) 618}$$

$$6 \overline{) 900}$$

$$6 \overline{) 624}$$

$$6 \overline{) 780}$$

$$\begin{array}{r} \diamond \\ 6 \overline{) 1218} \end{array}$$

2. Find the products:

$$\begin{array}{r} 14 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 25 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 47 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 83 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 97 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} \$1.42 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} \$3.56 \\ \times 6 \\ \hline \end{array}$$

3. Add and check:

$$\begin{array}{r} 4 \\ 6 \\ 3 \\ \hline \end{array}$$

$$\begin{array}{r} 23 \\ 65 \\ 54 \\ \hline \end{array}$$

$$\begin{array}{r} 45 \\ 50 \\ 78 \\ \hline \end{array}$$

$$\begin{array}{r} 60 \\ 36 \\ 28 \\ \hline \end{array}$$

$$\begin{array}{r} 316 \\ 49 \\ 425 \\ \hline \end{array}$$

$$\begin{array}{r} 304 \\ 640 \\ 728 \\ \hline \end{array}$$

$$\begin{array}{r} \diamond 467 \\ 545 \\ 796 \\ \hline \end{array}$$

DO YOUR WORK HERE

4. Helen wants to buy a book that costs \$2.40.

She has only $\frac{1}{6}$ of that amount. She needs
\$_____ more to buy the book.

5. Harry sold 5 dozen eggs for \$2.00. He received

_____¢ a dozen for the eggs.

\diamond 6. Louis worked 7 hours a day for 6 days. He
worked _____ hours. Since he received
\$21.00 for the work, he was paid \$_____
a day.

UNIT IV — LESSON 6

1. Divide and check:

$$\begin{array}{r} 2 \text{ r } 1 \\ 6 \overline{) 13} \\ \underline{12} \\ 1 \end{array}$$

Check:

$$\begin{array}{r} 6 \\ \times 2 \\ \hline 12 \\ + 1 \\ \hline 13 \end{array}$$

$$6 \overline{) 15}$$

$$6 \overline{) 25}$$

$$6 \overline{) 43}$$

$$6 \overline{) 50}$$

$$6 \overline{) 73}$$

$$6 \overline{) 82}$$

$$6 \overline{) 94}$$

$$6 \overline{) 128}$$

$$6 \overline{) 212}$$

$$6 \overline{) 254}$$

$$6 \overline{) 493}$$

2. Add dollars and cents:

$$\begin{array}{r} \$1.65 \\ 2.35 \\ \hline .76 \end{array}$$

$$\begin{array}{r} \$2.25 \\ .75 \\ \hline 3.85 \end{array}$$

$$\begin{array}{r} \$3.20 \\ 2.64 \\ \hline .98 \end{array}$$

$$\begin{array}{r} \$2.55 \\ .88 \\ \hline 3.66 \end{array}$$

$$\begin{array}{r} \$4.18 \\ 3.79 \\ \hline .84 \end{array}$$

$$\begin{array}{r} \diamond \$10.35 \\ 4.57 \\ \hline 2.94 \end{array}$$

3. Subtract and check:

$$\begin{array}{r} 34 \\ - 16 \\ \hline \end{array}$$

$$\begin{array}{r} 32 \\ 19 \\ \hline \end{array}$$

$$\begin{array}{r} 42 \\ 26 \\ \hline \end{array}$$

$$\begin{array}{r} 343 \\ 175 \\ \hline \end{array}$$

$$\begin{array}{r} \$2.20 \\ 1.80 \\ \hline \end{array}$$

$$\begin{array}{r} \diamond \$12.45 \\ 6.35 \\ \hline \end{array}$$

DO YOUR WORK HERE

4. At Gary School, 270 children go to school in 6 school buses. If the buses carry the same number of children, each bus carries _____ children.

5. Bruce sold 6 pigs for \$3.50 each. He received \$_____ for the pigs.

6. Marvin sold 6 dozen bottles of pop. He bought the pop at 3¢ a bottle and sold it at 5¢ a bottle. He made \$_____.

UNIT IV — LESSON 7

1. Divide dollars and cents:

$$\begin{array}{r} \$1.35 \\ 4 \overline{) \$5.40} \\ \underline{4} \\ 14 \\ \underline{12} \\ 20 \\ \underline{20} \\ 0 \end{array}$$

Check:

$$\begin{array}{r} \$1.35 \\ 4 \\ \hline \$5.40 \end{array}$$

$$5 \overline{) \$6.50}$$

$$6 \overline{) \$7.26}$$

$$6 \overline{) \$8.16}$$

$$6 \overline{) \$9.06}$$

$$3 \overline{) \$5.10}$$

$$4 \overline{) \$4.08}$$

$$6 \overline{) \$6.90}$$

$$6 \overline{) \$7.14}$$

$$\diamond 6 \overline{) \$10.02}$$

2. Subtract dollars and cents:

$$\begin{array}{r} \$3.10 \\ - 1.50 \\ \hline \end{array}$$

$$\begin{array}{r} \$2.75 \\ - 1.35 \\ \hline \end{array}$$

$$\begin{array}{r} \$4.05 \\ - 2.25 \\ \hline \end{array}$$

$$\begin{array}{r} \$5.15 \\ - 2.45 \\ \hline \end{array}$$

$$\begin{array}{r} \$6.00 \\ - 4.50 \\ \hline \end{array}$$

$$\diamond \begin{array}{r} \$10.60 \\ - 6.35 \\ \hline \end{array}$$

3. Multiply dollars and cents:

$$\begin{array}{r} \$25 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} \$48 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} \$150 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} \$208 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} \$405 \\ \times 4 \\ \hline \end{array}$$

$$\diamond \begin{array}{r} \$6.75 \\ \times 6 \\ \hline \end{array}$$

4. Write the number for each blank:

Five dimes = _____ cents Two quarters and two dimes = _____ cents

Two quarters = _____ cents Three quarters and two nickels = _____ cents

Three dimes and a nickel = _____ cents One half-dollar and eight cents = _____ cents

DO YOUR WORK HERE

5. At 6¢ a bar, 9 bars of soap cost _____¢.

6. Joan bought 6 yards of nylon at \$1.35 a yard.

The nylon cost \$_____.

\diamond 7. Mack sold 5 melons at 35¢ each and 6 cantaloupes at 20¢ each. He received \$_____ from his sales.

UNIT IV — LESSON 8

1. We study the 7's:

$$\begin{array}{r} \text{Three 7's} = 21 \\ \text{Three 7's} = 21 \\ \hline \end{array}$$

$$\text{Six 7's} =$$

$$\text{Five 7's} =$$

$$\text{Four 7's} =$$

$$\text{Nine 7's} =$$

$$\text{Three 7's} =$$

$$\text{Four 7's} =$$

$$\text{Seven 7's} =$$

$$7 \times 6 =$$

$$7 \times 7 =$$

$$7 \times 4 =$$

$$\text{Four 7's} =$$

$$\text{Four 7's} =$$

$$\text{Eight 7's} =$$

$$7 \times 8 =$$

$$7 \times 9 =$$

$$7 \times 5 =$$

2. Complete and study the chart of 7's:

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|------------|---|---|---|---|---|---|---|---|
| $\times 7$ | | | | | | | | |

3. Write the answers:

$$\begin{array}{r} 7 \\ \times 5 \\ \hline \end{array}$$

$$7 \overline{) 35}$$

$$\begin{array}{r} 6 \\ \times 6 \\ \hline \end{array}$$

$$6 \overline{) 36}$$

$$\begin{array}{r} 7 \\ \times 6 \\ \hline \end{array}$$

$$6 \overline{) 42}$$

$$\begin{array}{r} 5 \\ \times 8 \\ \hline \end{array}$$

$$8 \overline{) 40}$$

$$\begin{array}{r} 6 \\ \times 7 \\ \hline \end{array}$$

$$7 \overline{) 42}$$

$$\begin{array}{r} 7 \\ \times 7 \\ \hline \end{array}$$

$$7 \overline{) 49}$$

$$\begin{array}{r} 8 \\ \times 7 \\ \hline \end{array}$$

$$7 \overline{) 56}$$

$$\begin{array}{r} 9 \\ \times 7 \\ \hline \end{array}$$

$$7 \overline{) 63}$$

DO YOUR WORK HERE

4. Ned earned 56¢ every day for a week. He earned \$_____.

5. Dan spent \$5.35 of the money he earned, put \$6.50 into his savings account, and gave his mother \$4.15. He earned \$_____.

6. Ice cream was priced 55¢ a quart or \$1.80 a gallon. Jean will save _____¢ by buying ice cream by the gallon and not by the quart.

7. Seven boys sold 25 tickets each to a movie. They sold _____ tickets. At 10¢ a ticket, the boys received \$_____ from the sale of tickets.

UNIT IV — LESSON 9

1. Multiply:

$$\begin{array}{r} 13 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 25 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 46 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 52 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 49 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 76 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 68 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 75 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 84 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 87 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 91 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 80 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 99 \\ \times 7 \\ \hline \end{array}$$

2. Subtract and check:

$$\begin{array}{r} 20 \\ - 9 \\ \hline \end{array}$$

$$\begin{array}{r} 60 \\ - 25 \\ \hline \end{array}$$

$$\begin{array}{r} 104 \\ - 64 \\ \hline \end{array}$$

$$\begin{array}{r} 310 \\ - 135 \\ \hline \end{array}$$

$$\begin{array}{r} \$1.20 \\ - .60 \\ \hline \end{array}$$

$$\begin{array}{r} \$3.05 \\ - 1.45 \\ \hline \end{array}$$

$$\begin{array}{r} \diamond \$4.30 \\ - 2.08 \\ \hline \end{array}$$

3. Add:

$$\begin{array}{r} 7 \\ 5 \\ 6 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ 48 \\ 57 \\ \hline \end{array}$$

$$\begin{array}{r} 36 \\ 94 \\ 51 \\ \hline \end{array}$$

$$\begin{array}{r} 328 \\ 269 \\ 154 \\ \hline \end{array}$$

$$\begin{array}{r} \$3.27 \\ 4.32 \\ 1.86 \\ \hline \end{array}$$

$$\begin{array}{r} \$5.05 \\ 3.75 \\ 2.65 \\ \hline \end{array}$$

$$\begin{array}{r} \diamond \$8.80 \\ 2.29 \\ 3.66 \\ \hline \end{array}$$

4. Say these quotients; then write them:

$$6 \overline{)24}$$

$$7 \overline{)28}$$

$$6 \overline{)48}$$

$$7 \overline{)42}$$

$$6 \overline{)54}$$

$$7 \overline{)35}$$

$$7 \overline{)56}$$

$$9 \overline{)36}$$

$$8 \overline{)40}$$

$$5 \overline{)45}$$

$$7 \overline{)49}$$

$$6 \overline{)42}$$

$$8 \overline{)48}$$

$$9 \overline{)54}$$

DO YOUR WORK HERE

5. Seven gallons of gasoline at 26¢ a gallon cost

\$_____.

6. Nancy had \$2.00. She bought a book for 65¢, pencils for 15¢, a tablet for 10¢, and ink for 20¢.

She spent \$_____ and had _____¢ left.

7. Janie made grades of 80, 74, 88, and 90 in spelling. Her average grade was _____.

UNIT IV — LESSON 10

1. Multiply:

$$\begin{array}{r} 211 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 123 \\ 7 \\ \hline \end{array}$$

$$\begin{array}{r} 245 \\ 5 \\ \hline \end{array}$$

$$\begin{array}{r} 316 \\ 7 \\ \hline \end{array}$$

$$\begin{array}{r} 437 \\ 7 \\ \hline \end{array}$$

$$\begin{array}{r} 508 \\ 7 \\ \hline \end{array}$$

$$\begin{array}{r} 538 \\ 5 \\ \hline \end{array}$$

$$\begin{array}{r} 643 \\ 6 \\ \hline \end{array}$$

$$\begin{array}{r} 425 \\ 7 \\ \hline \end{array}$$

$$\begin{array}{r} 384 \\ 7 \\ \hline \end{array}$$

$$\begin{array}{r} 296 \\ 7 \\ \hline \end{array}$$

$$\begin{array}{r} 489 \\ 7 \\ \hline \end{array}$$

2. First say the products, then write them:

Seven 4's = _____ $4 \times 7 =$ _____ $7 \times 7 =$ _____ $8 \times 5 =$ _____

Seven 8's = _____ $8 \times 7 =$ _____ $7 \times 5 =$ _____ $7 \times 9 =$ _____

3. Write in a column and add:

Eight dollars and forty-five cents \$ _____

One dollar and eighteen cents _____

Sixty-three cents _____

Ten dollars and five cents _____

The sum \$ _____

4. Subtract:

$$\begin{array}{r} 14 \\ - 8 \\ \hline \end{array}$$

$$\begin{array}{r} 25 \\ 18 \\ \hline \end{array}$$

$$\begin{array}{r} 34 \\ 17 \\ \hline \end{array}$$

$$\begin{array}{r} 110 \\ 65 \\ \hline \end{array}$$

$$\begin{array}{r} \$2.05 \\ 1.35 \\ \hline \end{array}$$

$$\begin{array}{r} \$3.10 \\ 1.60 \\ \hline \end{array}$$

$$\begin{array}{r} \$5.20 \\ 3.75 \\ \hline \end{array}$$

DO YOUR WORK HERE

5. Seldon bought 7 melons for 25¢ each and sold them for 45¢ each. He paid \$_____ for the melons and sold them for \$_____. He made \$_____.

6. If Chester saves \$45 a month, he saves \$_____ in 7 months.

UNIT IV — LESSON 11

1. Find the quotients (Can you write answers only?):

$$7 \overline{)21}$$

$$7 \overline{)35}$$

$$7 \overline{)42}$$

$$7 \overline{)56}$$

$$7 \overline{)49}$$

$$7 \overline{)63}$$

$$7 \overline{)70}$$

$$7 \overline{)77}$$

$$7 \overline{)84}$$

$$7 \overline{)91}$$

$$7 \overline{)98}$$

$$7 \overline{)140}$$

$$7 \overline{)221}$$

$$7 \overline{)287}$$

$$7 \overline{)364}$$

$$7 \overline{)427}$$

$$7 \overline{)497}$$

$$7 \overline{)637}$$

2. Write the missing numbers:

$$35 \div \text{.....} = 5 \quad 45 \div \text{.....} = 5 \quad 54 \div \text{.....} = 6 \quad 49 \div \text{.....} = 7$$

$$42 \div \text{.....} = 6 \quad 63 \div \text{.....} = 9 \quad 56 \div \text{.....} = 7 \quad 63 \div \text{.....} = 7$$

3. Multiply:

$$\begin{array}{r} 220 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 316 \\ 2 \\ \hline \end{array}$$

$$\begin{array}{r} 412 \\ 6 \\ \hline \end{array}$$

$$\begin{array}{r} 231 \\ 7 \\ \hline \end{array}$$

$$\begin{array}{r} 356 \\ 4 \\ \hline \end{array}$$

$$\begin{array}{r} 245 \\ 7 \\ \hline \end{array}$$

$$\begin{array}{r} 439 \\ 5 \\ \hline \end{array}$$

$$\begin{array}{r} 624 \\ 3 \\ \hline \end{array}$$

$$\begin{array}{r} 473 \\ 4 \\ \hline \end{array}$$

$$\begin{array}{r} 536 \\ 7 \\ \hline \end{array}$$

$$\begin{array}{r} 178 \\ 7 \\ \hline \end{array}$$

$$\begin{array}{r} 269 \\ 7 \\ \hline \end{array}$$

4. Draw a circle around the larger number:

$$22, \text{ or } 124 \div 4 = \text{.....} \quad 35, \text{ or } 196 \div 6 = \text{.....} \quad 64, \text{ or } 455 \div 7 = \text{.....}$$

$$31, \text{ or } 224 \div 7 = \text{.....} \quad 54, \text{ or } 364 \div 7 = \text{.....} \quad 48, \text{ or } 315 \div 7 = \text{.....}$$

$$43, \text{ or } 225 \div 5 = \text{.....} \quad 40, \text{ or } 287 \div 7 = \text{.....} \quad 54, \text{ or } 371 \div 7 = \text{.....}$$

DO YOUR WORK HERE

5. Our car was driven 434 miles in 7 days. The car made an average of miles a day.

6. Janet bought 3 cans of tomatoes at 12¢ a can, 3 cans of corn at 9¢ a can, and 3 cans of fruit juice at 16¢ a can. She received¢ change from \$2.00.

UNIT IV — LESSON 12

1. Divide and check:

$$\begin{array}{r} 20 \\ 7 \overline{) 140} \\ \underline{14} \\ 0 \\ \underline{0} \end{array}$$

Check:

$$\begin{array}{r} 20 \\ \times 7 \\ \hline 140 \end{array}$$

$$7 \overline{) 210}$$

$$7 \overline{) 350}$$

$$7 \overline{) 420}$$

$$7 \overline{) 630}$$

$$7 \overline{) 707}$$

$$7 \overline{) 840}$$

$$7 \overline{) 728}$$

$$7 \overline{) 742}$$

$$7 \overline{) 756}$$

2. Multiply:

$$\begin{array}{r} 12 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 23 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 45 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 36 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 67 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 58 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 89 \\ \times 7 \\ \hline \end{array}$$

3. Add:

$$\begin{array}{r} 3 \\ 9 \\ 7 \\ \hline \end{array}$$

$$\begin{array}{r} 18 \\ 27 \\ 35 \\ \hline \end{array}$$

$$\begin{array}{r} 35\text{¢} \\ 75\text{¢} \\ 38\text{¢} \\ \hline \end{array}$$

$$\begin{array}{r} 58\text{¢} \\ 49\text{¢} \\ 65\text{¢} \\ \hline \end{array}$$

$$\begin{array}{r} \$.75 \\ .46 \\ .69 \\ \hline \end{array}$$

$$\begin{array}{r} \$ 1.72 \\ .88 \\ 3.19 \\ \hline \end{array}$$

$$\begin{array}{r} \$ 4.95 \\ 3.78 \\ 6.64 \\ \hline \end{array}$$

4. Subtract:

$$\begin{array}{r} 13 \\ - 7 \\ \hline \end{array}$$

$$\begin{array}{r} 22 \\ - 8 \\ \hline \end{array}$$

$$\begin{array}{r} 33 \\ - 15 \\ \hline \end{array}$$

$$\begin{array}{r} 65 \\ - 29 \\ \hline \end{array}$$

$$\begin{array}{r} 310 \\ - 215 \\ \hline \end{array}$$

$$\begin{array}{r} 405 \\ - 207 \\ \hline \end{array}$$

$$\begin{array}{r} 400 \\ - 226 \\ \hline \end{array}$$

DO YOUR WORK HERE

5. Nelson sold 7 pigs that weighed a total of 350 pounds. The average weight of a pig was _____ pounds.

6. There are 365 days in a year. We go to school 180 days. There are _____ days when we have no school.

7. If 3 bars of soap cost 25¢, 6 bars cost _____¢;
9 bars cost _____¢; and 12 bars cost _____¢.

UNIT IV — LESSON 13

1. Divide and check:

| | | | | | | |
|---|---|----------------------|----------------------|----------------------|-------------------------------|---------------------|
| $\begin{array}{r} 2 \text{ r } 1 \\ 7 \overline{) 15} \\ \underline{14} \\ 1 \end{array}$ | <p>Check:</p> $\begin{array}{r} 7 \\ \times 2 \\ \hline 14 \\ 1 \\ \hline 15 \end{array}$ | $7 \overline{) 23}$ | $7 \overline{) 38}$ | $7 \overline{) 43}$ | $7 \overline{) 50}$ | $7 \overline{) 65}$ |
| $7 \overline{) 92}$ | $7 \overline{) 86}$ | $7 \overline{) 149}$ | $7 \overline{) 289}$ | $7 \overline{) 365}$ | $\diamond 7 \overline{) 438}$ | |

2. Draw a picture or tell the meaning of these words:

| | | | | | | |
|-------|----------|-----------|-------|----------|---------|-------|
| cents | minus | quart | total | gallon | divide | pound |
| pint | multiply | remainder | plus | subtract | average | year |

3. Find the products:

| | | | | | |
|---|---|---|---|--|---|
| $\begin{array}{r} 34 \\ \times 4 \\ \hline \end{array}$ | $\begin{array}{r} 45 \\ \times 6 \\ \hline \end{array}$ | $\begin{array}{r} 74 \\ \times 3 \\ \hline \end{array}$ | $\begin{array}{r} 65 \\ \times 7 \\ \hline \end{array}$ | $\begin{array}{r} 234 \\ \times 7 \\ \hline \end{array}$ | $\begin{array}{r} \diamond 568 \\ \times 7 \\ \hline \end{array}$ |
|---|---|---|---|--|---|

4. Write in \$ and ¢ and add:

Three dollars and fifteen cents \$_____

Eleven dollars and seven cents _____

Seven dollars and sixty-eight cents _____

Twelve dollars and twenty cents _____

The sum \$_____

DO YOUR WORK HERE

5. Each day for 7 days Sam feeds his hogs the same amount of feed. He has 420 pounds of feed. He feeds them _____ pounds each day.

\diamond 6. Fay bought 2 quarts of milk at 26¢ a quart and 2 loaves of bread at 18¢ a loaf. She spent _____¢ and had _____¢ left from one dollar.

UNIT IV – LESSON 14

1. Divide and check:

$$\begin{array}{r} 204 \\ 2 \overline{)409} \\ \underline{4} \\ 0 \\ \underline{0} \\ 9 \\ \underline{8} \\ 1 \end{array}$$

Check:

$$\begin{array}{r} 204 \\ \times 2 \\ \hline 408 \\ + 1 \\ \hline 409 \end{array}$$

$$3 \overline{)308}$$

$$4 \overline{)414}$$

$$5 \overline{)548}$$

$$6 \overline{)621}$$

$$7 \overline{)738}$$

$$7 \overline{)424}$$

$$7 \overline{)504}$$

$$8 \overline{)326}$$

$$9 \overline{)363}$$

2. Write in columns and add:

a.

b.

c.

a. 65¢, 43¢, \$2.67, \$4.93

b. \$1.40, 68¢, \$3.80, 47¢

c. 27¢, 56¢, \$4.18, \$2.65

3. Multiply:

$$\begin{array}{r} 67 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 57 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 126 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 247 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 379 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 568 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 283 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 269 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 195 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 497 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 378 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 746 \\ \times 7 \\ \hline \end{array}$$

DO YOUR WORK HERE

4. Nell had \$4.50 and spent \$2.65. She had _____¢ left.

5. Seven boys earned \$6.30, which they divided equally. Bill spent 55¢ of his money and had _____ cents left.

6. Stanton ranch sold $\frac{1}{3}$ of its 324 head of cattle and had _____ head of cattle left.

UNIT IV — LESSON 15

1. Add down; check by adding up:

| | | | | | |
|-------|-------|-------|-------|-------|-------------------|
| 7 | 15 | 205 | 310 | 425 | [◇] 3762 |
| 3 | 7 | 67 | 55 | 1650 | 484 |
| 6 | 12 | 130 | 230 | 368 | 39 |
| 4 | 35 | 63 | 78 | 105 | 635 |
| 2 | 23 | 235 | 324 | 1230 | 7364 |
| <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> |

2. Subtract:

| | | | | | | |
|-------|-------|-------|-------|-------|-------|-------------------|
| 17 | 63 | 92 | 64 | 104 | 401 | [◇] 3418 |
| — 8 | 27 | 48 | 39 | 72 | 175 | 1375 |
| <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> |

3. Multiply:

| | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|
| 23 | 45 | 23 | 215 | 321 | 412 | 458 |
| × 3 | 2 | 4 | 5 | 6 | 7 | 7 |
| <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> |

4. Divide:

| | | | | | |
|--------|--------|--------|---------|--------|----------------------|
| 2) 463 | 4) 276 | 5) 516 | 3) 4272 | 6) 609 | [◇] 7) 3640 |
|--------|--------|--------|---------|--------|----------------------|

5. There are _____ in. in a foot; _____ ft. in a yard; _____ min. in an hour.

DO YOUR WORK HERE

6. Doris bought 6 yd. of print for \$3.30. She paid
_____¢ a yard for the print.

[◇] 7. Clarence and his father hauled grain to market.
The first load weighed 3870 lb.; the second load,
4000 lb.; the third load, 3980 lb.; and the fourth
load, 4150 lb. They hauled _____ pounds,
or _____ tons, of grain to market.

UNIT V — LESSON 1

1. We study the 8's:

$$\begin{array}{r} \text{Three 8's} = 24 \\ \text{Three 8's} = 24 \\ \hline \end{array}$$

$$\text{Six 8's} =$$

$$\text{Four 8's} =$$

$$\text{Five 8's} =$$

$$\text{Nine 8's} =$$

$$\begin{array}{r} \text{Three 8's} = \\ \text{Four 8's} = \\ \hline \end{array}$$

$$\text{Seven 8's} =$$

$$6 \times 8 =$$

$$7 \times 8 =$$

$$4 \times 8 =$$

$$\begin{array}{r} \text{Four 8's} = \\ \text{Four 8's} = \\ \hline \end{array}$$

$$\text{Eight 8's} =$$

$$8 \times 8 =$$

$$9 \times 8 =$$

$$5 \times 8 =$$

2. Complete and study the chart for the 8's:

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|------------|---|---|---|---|---|---|---|---|
| $\times 8$ | | | | | | | | |

3. Write the answers:

$$\begin{array}{r} 8 \\ \times 6 \\ \hline \end{array}$$

$$6 \overline{)48}$$

$$\begin{array}{r} 6 \\ \times 8 \\ \hline \end{array}$$

$$8 \overline{)48}$$

$$\begin{array}{r} 8 \\ \times 7 \\ \hline \end{array}$$

$$7 \overline{)56}$$

$$\begin{array}{r} 7 \\ \times 8 \\ \hline \end{array}$$

$$8 \overline{)56}$$

$$\begin{array}{r} 8 \\ \times 8 \\ \hline \end{array}$$

$$8 \overline{)64}$$

$$\begin{array}{r} 7 \\ \times 7 \\ \hline \end{array}$$

$$7 \overline{)49}$$

$$\begin{array}{r} 9 \\ \times 8 \\ \hline \end{array}$$

$$8 \overline{)72}$$

$$\begin{array}{r} 8 \\ \times 9 \\ \hline \end{array}$$

$$9 \overline{)72}$$

DO YOUR WORK HERE

4. We have 72 fruit trees in our orchard, planted equally in 8 rows. There are _____ fruit trees in each row.

5. There are _____ days in 5 weeks, _____ days in 8 weeks, and _____ days in 12 weeks.

6. The price of a football ticket is 75¢. Eight tickets will cost \$_____.

7. Kenneth works on Saturdays from 8 A.M. until 4 P.M. He works _____ hours. At 45¢ an hour, he earns \$_____.

UNIT V — LESSON 2

1. Find the products:

$$\begin{array}{r} 13 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 24 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 30 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 47 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 50 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 59 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 63 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 65 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 68 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 70 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 79 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 80 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 87 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 96 \\ \times 8 \\ \hline \end{array}$$

2. Find:

$$\frac{1}{2} \text{ of } 84 = \underline{\hspace{2cm}}$$

$$\frac{1}{5} \text{ of } 165 = \underline{\hspace{2cm}}$$

$$\frac{1}{4} \text{ of } 264 = \underline{\hspace{2cm}}$$

$$\frac{1}{3} \text{ of } 96 = \underline{\hspace{2cm}}$$

$$\frac{1}{6} \text{ of } 156 = \underline{\hspace{2cm}}$$

$$\frac{1}{5} \text{ of } 160 = \underline{\hspace{2cm}}$$

3. Write the missing numbers:

$$5 \times 8 = \underline{\hspace{2cm}}$$

$$6 \times 9 = \underline{\hspace{2cm}}$$

$$5 \times 7 = \underline{\hspace{2cm}}$$

$$7 \times 8 = \underline{\hspace{2cm}}$$

$$6 \times 6 = \underline{\hspace{2cm}}$$

$$8 \times 6 = \underline{\hspace{2cm}}$$

$$7 \times 7 = \underline{\hspace{2cm}}$$

$$7 \times 9 = \underline{\hspace{2cm}}$$

$$6 \times 7 = \underline{\hspace{2cm}}$$

$$5 \times 9 = \underline{\hspace{2cm}}$$

$$8 \times 8 = \underline{\hspace{2cm}}$$

$$8 \times 9 = \underline{\hspace{2cm}}$$

4. Subtract and check:

$$\begin{array}{r} 30 \\ - 18 \\ \hline \end{array}$$

$$\begin{array}{r} 43 \\ - 27 \\ \hline \end{array}$$

$$\begin{array}{r} 82 \\ - 36 \\ \hline \end{array}$$

$$\begin{array}{r} 102 \\ - 76 \\ \hline \end{array}$$

$$\begin{array}{r} 205 \\ - 65 \\ \hline \end{array}$$

$$\begin{array}{r} 410 \\ - 297 \\ \hline \end{array}$$

DO YOUR WORK HERE

5. Alice paid 25¢ a can for 8 cans of peaches. She paid \$_____ for the peaches.

6. Ben needs 85¢ more to buy a baseball glove which costs \$4.50. Ben has \$_____.

7. Sam has an allowance of \$1.25 a week, or \$_____ a month. If he spends 85¢ a week, he saves _____ a month, or \$_____ a year.

UNIT V — LESSON 3

1. Multiply:

$$\begin{array}{r} 213 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 305 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 146 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 327 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 418 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 370 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 409 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 290 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 366 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 475 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 592 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} \diamond 808 \\ \times 8 \\ \hline \end{array}$$

2. Subtract and check:

$$\begin{array}{r} 13 \\ - 7 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ - 9 \\ \hline \end{array}$$

$$\begin{array}{r} 26 \\ - 16 \\ \hline \end{array}$$

$$\begin{array}{r} 52 \\ - 35 \\ \hline \end{array}$$

$$\begin{array}{r} 120 \\ - 64 \\ \hline \end{array}$$

$$\begin{array}{r} 350 \\ - 182 \\ \hline \end{array}$$

$$\begin{array}{r} \diamond 400 \\ - 165 \\ \hline \end{array}$$

3. Write the number for each blank:

1 ft. = _____ in.

1 yr. = _____ mo.

1 yd. = _____ ft.

1 wk. = _____ days

1 hr. = _____ min.

1 day = _____ hr.

4. Write the missing numbers:

$$36 \div \text{_____} = 6$$

$$45 \div \text{_____} = 5$$

$$54 \div \text{_____} = 9$$

$$48 \div \text{_____} = 6$$

$$56 \div \text{_____} = 8$$

$$63 \div \text{_____} = 7$$

$$49 \div \text{_____} = 7$$

$$64 \div \text{_____} = 8$$

$$72 \div \text{_____} = 9$$

DO YOUR WORK HERE

5. A merchant bought 8 sacks of sugar at \$6.50 a sack. He paid \$_____ for the sugar.

6. At 35¢ each, 8 movie tickets cost \$_____.

7. At 8¢ a box, _____ boxes of crayons can be bought for \$1.68.

\diamond 8. Mary had a half-dollar, a quarter, and 8 cents in her purse. She bought 2 pounds of apples at 19¢ a pound. She had _____¢ left.

UNIT V — LESSON 4

1. Find the quotients:

$$\begin{array}{r} 4 \\ 8 \overline{) 32} \\ \underline{32} \end{array}$$

$$8 \overline{) 40}$$

$$8 \overline{) 64}$$

$$8 \overline{) 72}$$

$$8 \overline{) 88}$$

$$8 \overline{) 96}$$

$$8 \overline{) 120}$$

$$8 \overline{) 240}$$

$$8 \overline{) 408}$$

$$8 \overline{) 656}$$

$$8 \overline{) 736}$$

$$8 \overline{) 920}$$

2. Add:

$$\begin{array}{r} 5 \\ 3 \\ 6 \\ 4 \end{array}$$

$$\begin{array}{r} 7 \\ 5 \\ 2 \\ 8 \end{array}$$

$$\begin{array}{r} 9 \\ 6 \\ 1 \\ 7 \end{array}$$

$$\begin{array}{r} 8 \\ 2 \\ 7 \\ 6 \end{array}$$

$$\begin{array}{r} 45 \\ 35 \\ 48 \\ 13 \end{array}$$

$$\begin{array}{r} 124 \\ 67 \\ 245 \\ 47 \end{array}$$

$$\begin{array}{r} 642 \\ 427 \\ 96 \\ 814 \end{array}$$

3. Work; watch the signs:

$$\begin{array}{r} \$2.45 \\ .78 \\ 3.45 \\ + 4.86 \end{array}$$

$$\begin{array}{r} 600 \\ - 325 \end{array}$$

$$\begin{array}{r} 510 \\ - 275 \end{array}$$

$$\begin{array}{r} 408 \\ \times 8 \end{array}$$

$$8 \overline{) 752}$$

$$8 \overline{) 864}$$

4. Subtract:

$$\begin{array}{r} 25 \text{¢} \\ - 14 \text{¢} \end{array}$$

$$\begin{array}{r} 42 \text{¢} \\ 28 \text{¢} \end{array}$$

$$\begin{array}{r} 35 \text{¢} \\ 17 \text{¢} \end{array}$$

$$\begin{array}{r} \$1.00 \\ .35 \end{array}$$

$$\begin{array}{r} \$3.00 \\ 1.75 \end{array}$$

$$\begin{array}{r} \$6.10 \\ 4.48 \end{array}$$

DO YOUR WORK HERE

5. If 8 football tickets cost \$6.00, the price of 1 ticket is _____¢.

6. Ruby bought an 8-pound pork roast for \$3.60.

She paid _____¢ a pound for the pork roast.

7. Ray adds the grocery list: \$2.20; \$3.45; 85¢; \$1.75. The total bill is \$_____. There will be \$_____ in change from ten dollars.

UNIT V — LESSON 5

1. Divide; watch for the zero in the quotients:

$$\begin{array}{r} 30 \\ 8 \overline{) 240} \\ \underline{24} \\ 0 \\ \underline{0} \\ 0 \end{array}$$

Check:

$$\begin{array}{r} 30 \\ \times 8 \\ \hline 240 \end{array}$$

$$8 \overline{) 320}$$

$$8 \overline{) 400}$$

$$8 \overline{) 600}$$

$$8 \overline{) 816}$$

$$8 \overline{) 608}$$

$$8 \overline{) 504}$$

$$8 \overline{) 832}$$

$$8 \overline{) 872}$$

$$\begin{array}{r} \\ 8 \overline{) 864} \end{array}$$

2. Use these numbers: 480 and 8.

a.

b.

a. Find the product.

b. Find the quotient.

3. Write the numbers for the blanks:

$$36 = \text{-----} \times 6$$

$$63 = 7 \times \text{-----}$$

$$56 = \text{-----} \times 7$$

$$63 = \text{-----} \times 9$$

$$49 = \text{-----} \times 7$$

$$54 = \text{-----} \times 6$$

$$48 = \text{-----} \times 6$$

$$42 = 7 \times \text{-----}$$

$$64 = \text{-----} \times 8$$

$$72 = 9 \times \text{-----}$$

$$56 = 8 \times \text{-----}$$

$$72 = \text{-----} \times 8$$

4. Subtract:

$$\begin{array}{r} 200 \\ - 145 \\ \hline \end{array}$$

$$\begin{array}{r} 304 \\ - 264 \\ \hline \end{array}$$

$$\begin{array}{r} 360 \\ - 258 \\ \hline \end{array}$$

$$\begin{array}{r} 400 \\ - 235 \\ \hline \end{array}$$

$$\begin{array}{r} 308 \\ - 165 \\ \hline \end{array}$$

$$\begin{array}{r} \\ 500 \\ - 345 \\ \hline \end{array}$$

DO YOUR WORK HERE

5. The 880-yard relay was run by 4 boys. Each boy ran _____ yards, which is _____ feet.

6. David and his father drove 368 miles in 8 hours. They made an average of _____ miles an hour.

7. Roy and Ben bought a radio for \$63.50. They paid \$15.50 down and the balance in 8 equal payments of \$_____ each.

UNIT V — LESSON 6

1. Divide and check:

$$\begin{array}{r} 4 \text{ r } 2 \\ 8 \overline{) 34} \\ \underline{32} \\ 2 \end{array} \quad \begin{array}{r} \text{Check:} \\ 8 \\ \times 4 \\ \hline 32 \\ 2 \\ \hline 34 \end{array}$$

$$8 \overline{) 43}$$

$$8 \overline{) 52}$$

$$8 \overline{) 65}$$

$$8 \overline{) 75}$$

$$8 \overline{) 98}$$

$$8 \overline{) 106}$$

$$9 \overline{) 172}$$

$$8 \overline{) 203}$$

$$8 \overline{) 330}$$

$$8 \overline{) 428}$$

$$\begin{array}{r} \\ 8 \overline{) 506} \end{array}$$

2. Write the number for each blank:

$$\text{_____ sevens} = 49$$

$$\text{_____ eights} = 64$$

$$\text{_____ sixes} = 54$$

$$56 \div 8 = \text{_____}$$

$$48 \div 6 = \text{_____}$$

$$63 \div 7 = \text{_____}$$

3. Multiply:

$$\begin{array}{r} 76 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 54 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 43 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 67 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 270 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 406 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} \\ 529 \\ \times 8 \\ \hline \end{array}$$

4. Write in columns and add:

a.

b.

c.

a. 485, 369, 85, 36

b. \$2.83, \$.78, \$3.75, \$4.35

c. 316, 89, 19, 467

DO YOUR WORK HERE

5. Ray and his father set out 96 fruit trees in 8 rows. They planted _____ trees in each row.

6. There are 24 cans of corn in a carton. In 4 cartons, there are _____ cans; in 6 cartons, _____ cans; in 8 cartons, _____ cans.

7. Nan receives an allowance of \$1.50 a week. In 8 weeks, she saved \$4.50 and spent \$_____.

UNIT V — LESSON 7

1. Divide dollars and cents:

$$5 \overline{) \$1.50} \quad 6 \overline{) \$2.40} \quad 7 \overline{) \$5.60} \quad 8 \overline{) \$6.80} \quad 9 \overline{) \$4.50} \quad 8 \overline{) \$8.80}$$

$$6 \overline{) \$7.20} \quad 7 \overline{) \$8.40} \quad 5 \overline{) \$6.75} \quad 8 \overline{) \$9.20} \quad 8 \overline{) \$10.40} \quad \diamond 8 \overline{) \$12.00}$$

2. Write the number for each blank:

$$\begin{array}{llll} 6 \times 7 = \underline{\hspace{2cm}} & 7 \times 6 = \underline{\hspace{2cm}} & 6 \overline{) 42} & 7 \overline{) 42} \\ 7 \times 8 = \underline{\hspace{2cm}} & 8 \times 7 = \underline{\hspace{2cm}} & 7 \overline{) 56} & 8 \overline{) 56} \\ 7 \times 9 = \underline{\hspace{2cm}} & 9 \times 7 = \underline{\hspace{2cm}} & 7 \overline{) 63} & 9 \overline{) 63} \\ 8 \times 9 = \underline{\hspace{2cm}} & 9 \times 8 = \underline{\hspace{2cm}} & 8 \overline{) 72} & 9 \overline{) 72} \end{array}$$

3. Write the number of 8's in each of these numbers:

$$\$24 \underline{\hspace{1cm}} \quad \$40 \underline{\hspace{1cm}} \quad \$64 \underline{\hspace{1cm}} \quad \$32 \underline{\hspace{1cm}} \quad \$56 \underline{\hspace{1cm}} \quad \$48 \underline{\hspace{1cm}} \quad \$72 \underline{\hspace{1cm}}$$

4. Add:

$$\begin{array}{r} \$10.35 \\ 7.42 \\ 6.39 \\ .87 \\ \hline \end{array} \quad \begin{array}{r} \$14.80 \\ 6.50 \\ 7.08 \\ .96 \\ \hline \end{array} \quad \begin{array}{r} \$20.25 \\ 7.75 \\ 4.87 \\ 10.53 \\ \hline \end{array} \quad \begin{array}{r} \$30.10 \\ 16.45 \\ 5.75 \\ 20.49 \\ \hline \end{array} \quad \begin{array}{r} \diamond \$108.30 \\ 76.50 \\ 9.95 \\ 24.08 \\ \hline \end{array}$$

DO YOUR WORK HERE

5. Stanley sold 8 fryers for 85¢ each. He received

\$_____ for the fryers.

6. Ben sold 8 melons for \$4.40. He sold the melons

at _____¢ each.

\diamond 7. Neal bought a belt for 90¢, a tie for 85¢, a shirt for \$2.75, and a handkerchief for 35¢. He

spent \$_____ and received \$_____

in change from \$5.00.

UNIT V — LESSON 8

1. We study the 9's:

$$\begin{array}{r} \text{Three 9's} = \\ \text{Three 9's} = \\ \hline \text{Six 9's} = \\ \\ \text{Five 9's} = \\ \text{Four 9's} = \\ \hline \text{Nine 9's} = \end{array}$$

$$\begin{array}{r} \text{Four 9's} = \\ \text{Three 9's} = \\ \hline \text{Seven 9's} = \\ \\ 6 \times 9 = \text{-----} \\ 7 \times 9 = \text{-----} \\ 4 \times 9 = \text{-----} \end{array}$$

$$\begin{array}{r} \text{Four 9's} = \\ \text{Four 9's} = \\ \hline \text{Eight 9's} = \\ \\ 8 \times 9 = \text{-----} \\ 9 \times 9 = \text{-----} \\ 5 \times 9 = \text{-----} \end{array}$$

2. Complete and study the chart for the 9's:

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|
| $\times 9$ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ |

3. Write the answers:

| | | | | | | | |
|--|--------------------|--|--------------------|--|--------------------|--|--------------------|
| $\begin{array}{r} 9 \\ \times 6 \\ \hline \end{array}$ | $6 \overline{)54}$ | $\begin{array}{r} 6 \\ \times 9 \\ \hline \end{array}$ | $9 \overline{)54}$ | $\begin{array}{r} 9 \\ \times 7 \\ \hline \end{array}$ | $7 \overline{)63}$ | $\begin{array}{r} 7 \\ \times 9 \\ \hline \end{array}$ | $9 \overline{)63}$ |
| $\begin{array}{r} 9 \\ \times 8 \\ \hline \end{array}$ | $8 \overline{)72}$ | $\begin{array}{r} 8 \\ \times 9 \\ \hline \end{array}$ | $9 \overline{)72}$ | $\begin{array}{r} 5 \\ \times 9 \\ \hline \end{array}$ | $9 \overline{)45}$ | $\begin{array}{r} 9 \\ \times 9 \\ \hline \end{array}$ | $9 \overline{)81}$ |

DO YOUR WORK HERE

- If 2 tickets cost 18¢, one ticket costs _____¢,
and 9 tickets cost _____¢.
- Jesse earns \$1.50 a day. In 6 working days, he
earns \$_____.
- The product of 2 numbers is 81. One of the
numbers is 9, and the other number is _____.
- A class paid \$18.90 for 9 books. The average
price of a book was \$_____.
8. Fay bought a radio for \$28.75. The radio was
marked to sell for \$36.00. Fay bought the radio
for \$_____ less than the marked price.

UNIT V — LESSON 9

1. Find the products:

$$\begin{array}{r} 12 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 25 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 43 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 38 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 69 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 76 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 221 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 324 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 406 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 570 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 809 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 738 \\ \times 9 \\ \hline \end{array}$$

2. Write the abbreviation for each word:

pound _____ pint _____ ounce _____ minute _____

month _____ year _____ foot _____ inch _____

bushel _____ quart _____ week _____ yard _____

3. Write the fractional parts:

$\frac{1}{2}$ of 48 = _____

$\frac{1}{5}$ of 75 = _____

$\frac{1}{8}$ of 72 = _____

$\frac{1}{3}$ of 54 = _____

$\frac{1}{4}$ of 84 = _____

$\frac{1}{6}$ of 84 = _____

4. Find the missing numbers:

Eight times _____ is 72.

Nine added to _____ is 54.

Nine times _____ is 63.

Eight added to _____ is 64.

72 divided by _____ is 8.

Seven subtracted from _____ is 42.

81 divided by _____ is 9.

Nine subtracted from _____ is 72.

5. David pays 30¢ for his lunch each school day.

DO YOUR WORK HERE

In 9 school days he pays \$_____.

6. It costs \$7.50 a week to stay at camp. Dan must have \$_____ to stay at camp 6 weeks.

7. Ruby's allowance is \$2.00 a week. She saved \$1.25 a week for 9 weeks. She saved \$_____ and spent \$_____ in 9 weeks.

UNIT V — LESSON 10

1. Multiply:

$$\begin{array}{r} 132 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 206 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 245 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 318 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 405 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 570 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 608 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 390 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 715 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 475 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 609 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} \diamond 939 \\ \times 9 \\ \hline \end{array}$$

2. Write in figures:

Twenty-four dollars and sixteen cents _____

Sixty-seven dollars and twenty-five cents _____

One hundred ten dollars and seventy cents _____

Two thousand dollars _____

3. Subtract:

$$\begin{array}{r} 35 \\ - 17 \\ \hline \end{array}$$

$$\begin{array}{r} 26 \\ - 14 \\ \hline \end{array}$$

$$\begin{array}{r} 347 \\ - 228 \\ \hline \end{array}$$

$$\begin{array}{r} 472 \\ - 319 \\ \hline \end{array}$$

$$\begin{array}{r} \$62 \\ - .45 \\ \hline \end{array}$$

$$\begin{array}{r} \diamond \$430 \\ - 275 \\ \hline \end{array}$$

4. Use these numbers: 435 and 268.

a.

b.

a. Write the sum.

b. Write the difference.

DO YOUR WORK HERE

5. The fourth-grade pupils sold 278 tickets to a movie. At 9¢ a ticket, the pupils received \$_____ from the sale of tickets.

6. We had 258 sheep. Father sold $\frac{1}{3}$ of them, or _____ sheep. We have _____ sheep left.

\diamond 7. There are _____ minutes in an hour; _____ minutes in $\frac{1}{2}$ of an hour; _____ minutes in $\frac{1}{3}$ of an hour; and _____ minutes in $\frac{1}{4}$ of an hour.

UNIT V — LESSON 11

1. Find the quotients:

$$9 \overline{)27}$$

$$9 \overline{)45}$$

$$9 \overline{)63}$$

$$9 \overline{)81}$$

$$9 \overline{)99}$$

$$\diamond 9 \overline{)108}$$

$$9 \overline{)126}$$

$$9 \overline{)270}$$

$$9 \overline{)450}$$

$$9 \overline{)459}$$

$$9 \overline{)729}$$

$$\diamond 9 \overline{)657}$$

2. Write the numbers for each blank:

$$\text{Four 9's} = \text{_____} \quad 4 \times 9 = \text{_____} \quad 7 \times 9 = \text{_____} \quad 6 \times 9 = \text{_____}$$

$$\text{Eight 9's} = \text{_____} \quad 8 \times 9 = \text{_____} \quad 9 \times 9 = \text{_____} \quad 5 \times 9 = \text{_____}$$

$$\text{Seven 8's} = \text{_____} \quad 7 \times 8 = \text{_____} \quad 8 \times 6 = \text{_____} \quad 8 \times 8 = \text{_____}$$

3. Add:

$$\begin{array}{r} 345 \\ 67 \\ 928 \\ \hline 15 \end{array}$$

$$\begin{array}{r} 308 \\ 97 \\ 483 \\ \hline 27 \end{array}$$

$$\begin{array}{r} 56 \\ 9 \\ 463 \\ \hline 95 \end{array}$$

$$\begin{array}{r} \$3.25 \\ .95 \\ 4.40 \\ \hline 2.98 \end{array}$$

$$\begin{array}{r} \$3.16 \\ 1.38 \\ .76 \\ \hline 4.18 \end{array}$$

$$\begin{array}{r} \diamond \$9.15 \\ 3.85 \\ .70 \\ \hline 2.39 \end{array}$$

4. Multiply:

$$\begin{array}{r} 312 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 122 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 423 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 280 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 407 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 426 \\ \times 9 \\ \hline \end{array}$$

DO YOUR WORK HERE

5. Sue has 75¢ to buy Christmas cards. At 9¢ each, she can buy _____ Christmas cards and have _____¢ left.

6. At 45¢ a dozen, 8 dozen eggs cost \$_____.

\diamond 7. Bob and Sam sold 4 hens for 85¢ each and 8 ducks for 90¢ each. They received \$_____ from the sales. If they divide the money evenly, each boy will have \$_____.

UNIT V — LESSON 12

1. Divide; watch for the zero in the quotient:

$$9 \overline{)180}$$

$$9 \overline{)360}$$

$$9 \overline{)540}$$

$$9 \overline{)630}$$

$$9 \overline{)810}$$

$$9 \overline{)720}$$

$$9 \overline{)405}$$

$$9 \overline{)207}$$

$$9 \overline{)504}$$

$$9 \overline{)603}$$

$$9 \overline{)702}$$

$$\diamond 9 \overline{)801}$$

2. Write in numbers and letters:

Ten-thirty in the morning

A quarter to twelve in the morning

Half-past three in the afternoon

A quarter-past two in the afternoon

3. Multiply:

$$\begin{array}{r} 12 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 45 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 38 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 58 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 74 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 67 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 244 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 263 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 234 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 460 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 609 \\ \times 7 \\ \hline \end{array}$$

$$\diamond \begin{array}{r} 739 \\ \times 9 \\ \hline \end{array}$$

DO YOUR WORK HERE

4. Helen has a dollar with which to buy soap at 9¢ a bar. If she buys 8 bars, she will have _____¢ in change.

5. Glenn bought 6 baseballs at 75¢ each. He paid \$_____ for the baseballs.

\diamond 6. Bill bought shoes for \$6.50, a cap for \$1.35, and a jacket for \$4.75. He spent \$_____ and received \$_____ in change from a \$20 bill.

UNIT V — LESSON 13

1. Divide and check:

$$9 \overline{)19}$$

$$9 \overline{)28}$$

$$9 \overline{)48}$$

$$9 \overline{)56}$$

$$9 \overline{)85}$$

$$9 \overline{)110}$$

$$9 \overline{)208}$$

$$9 \overline{)273}$$

$$\diamond 9 \overline{)568}$$

$$\diamond 9 \overline{)732}$$

2. Write the missing numbers:

$$6 \times \underline{\hspace{2cm}} = 48$$

$$42 \div 7 = \underline{\hspace{2cm}}$$

$$29 + \underline{\hspace{2cm}} = 54$$

$$42 - \underline{\hspace{2cm}} = 26$$

$$72 \div 8 = \underline{\hspace{2cm}}$$

$$\underline{\hspace{2cm}} \div 9 = 7$$

$$81 \div \underline{\hspace{2cm}} = 9$$

$$37 + \underline{\hspace{2cm}} = 81$$

$$\underline{\hspace{2cm}} - 8 = 56$$

$$8 \times \underline{\hspace{2cm}} = 56$$

$$64 \div \underline{\hspace{2cm}} = 8$$

$$6 \times \underline{\hspace{2cm}} = 54$$

3. Multiply:

$$\begin{array}{r} 24 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 37 \\ 7 \\ \hline \end{array}$$

$$\begin{array}{r} 54 \\ 9 \\ \hline \end{array}$$

$$\begin{array}{r} 63 \\ 8 \\ \hline \end{array}$$

$$\begin{array}{r} 138 \\ 6 \\ \hline \end{array}$$

$$\begin{array}{r} 238 \\ 9 \\ \hline \end{array}$$

$$\begin{array}{r} \diamond 406 \\ 8 \\ \hline \end{array}$$

DO YOUR WORK HERE

4. At 9¢ each, Alice can buy _____ valentines for \$2.70.
5. If 3 pounds of coffee cost \$1.95, one pound of coffee costs _____ cents.
- \diamond 6. Jack bought 43 bushels of corn to grade for planting seed. He culled 14 bushels and sold _____ bushels at \$4.00 a bushel. He received \$_____ for the seed corn.

UNIT V — LESSON 14

1. Divide and check:

$$\begin{array}{r} 16 \\ 8 \overline{) 128} \\ \underline{8} \\ 48 \\ \underline{48} \\ 0 \end{array}$$

Check:

$$\begin{array}{r} 16 \\ 8 \overline{) 128} \\ \underline{8} \\ 48 \\ \underline{48} \\ 0 \end{array}$$

$$6 \overline{) 252}$$

$$7 \overline{) 364}$$

$$8 \overline{) 824}$$

$$9 \overline{) 486}$$

$$8 \overline{) 920}$$

$$5 \overline{) 540}$$

$$8 \overline{) 824}$$

$$6 \overline{) 306}$$

$$\diamond 9 \overline{) 650}$$

2. Multiply:

$$\begin{array}{r} 39 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 79 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 49 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 243 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 394 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} \diamond 529 \\ \times 9 \\ \hline \end{array}$$

3. Write in figures and add:

Eighty-seven cents \$_____

Five dollars and twenty-five cents _____

Ten dollars and forty cents _____

Three dollars and thirty-six cents _____

The sum \$_____

DO YOUR WORK HERE

4. If 2 loaves of bread cost 38¢, one loaf costs

_____¢, and 5 loaves cost _____¢.

5. Eight girls shared expenses equally at Scout Camp. The expenses were \$12.80. Each girl paid \$_____.

\diamond 6. Stanley saved money to buy some pigs. In January he saved \$3.75; in February, \$4.40; in March, \$2.85; and in April, \$5.60. His savings of \$_____ bought 4 pigs, at \$_____ each.

UNIT V — LESSON 15

1. Find the quotients:

$$3 \overline{) \$1.41}$$

$$6 \overline{) \$2.16}$$

$$9 \overline{) \$3.78}$$

$$8 \overline{) \$5.40}$$

$$9 \overline{) \$10.08}$$

$$5 \overline{) \$6.80}$$

$$7 \overline{) \$4.90}$$

$$4 \overline{) \$6.00}$$

$$9 \overline{) \$7.47}$$

$$8 \overline{) \$12.00}$$

2. Multiply:

$$\begin{array}{r} 65\text{¢} \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 75\text{¢} \\ 6 \\ \hline \end{array}$$

$$\begin{array}{r} \$85 \\ 8 \\ \hline \end{array}$$

$$\begin{array}{r} \$1.35 \\ 9 \\ \hline \end{array}$$

$$\begin{array}{r} \$2.48 \\ 7 \\ \hline \end{array}$$

$$\begin{array}{r} \diamond \$5.46 \\ 9 \\ \hline \end{array}$$

3. Subtract:

$$\begin{array}{r} 35\text{¢} \\ - 19\text{¢} \\ \hline \end{array}$$

$$\begin{array}{r} 60\text{¢} \\ 45\text{¢} \\ \hline \end{array}$$

$$\begin{array}{r} \$75 \\ .48 \\ \hline \end{array}$$

$$\begin{array}{r} \$2.10 \\ .85 \\ \hline \end{array}$$

$$\begin{array}{r} \$3.20 \\ 1.76 \\ \hline \end{array}$$

$$\begin{array}{r} \diamond \$8.00 \\ 3.50 \\ \hline \end{array}$$

4. Add:

$$\begin{array}{r} 38\text{¢} \\ 27\text{¢} \\ 9\text{¢} \\ 16\text{¢} \\ \hline \end{array}$$

$$\begin{array}{r} 43\text{¢} \\ 67\text{¢} \\ 16\text{¢} \\ 8\text{¢} \\ \hline \end{array}$$

$$\begin{array}{r} \$.84 \\ .07 \\ .60 \\ .29 \\ \hline \end{array}$$

$$\begin{array}{r} \$2.05 \\ .77 \\ 3.87 \\ .95 \\ \hline \end{array}$$

$$\begin{array}{r} \$4.80 \\ 2.67 \\ .54 \\ 5.05 \\ \hline \end{array}$$

$$\begin{array}{r} \diamond \$10.65 \\ 3.25 \\ .79 \\ 4.06 \\ \hline \end{array}$$

DO YOUR WORK HERE

5. Raymond paid \$2.43 for 9 gallons of gasoline.

The price of gasoline was _____ ¢ a gallon.

6. In the school lunchroom, 340 glasses of milk were sold at 7¢ a glass. \$_____ was received from the sale of milk.

7. Mack bought 8 tennis balls for 35¢ each and sold them for 55¢ each. He made \$_____ from the sale.

UNIT VI — LESSON 1

1. We add four-place numbers as we do three-place numbers or two-place numbers.

Add and check:

| | | | | | |
|------|------|------|------|------|------|
| 2530 | 2136 | 4708 | 1726 | 4187 | 6008 |
| 4367 | 5045 | 1250 | 3809 | 3604 | 5470 |
| 5043 | 3108 | 4156 | 4083 | 5189 | 4718 |

2. Write the products:

| | | | | | | |
|------------|----|----|----|-----|-----|-----|
| 36 | 42 | 76 | 82 | 308 | 425 | 380 |
| $\times 3$ | 6 | 8 | 9 | 7 | 5 | 9 |

3. Write the numbers for the blanks:

| | | | |
|-----------------------|-----------------------|-----------------------|-----------------------|
| $\frac{1}{5}$ of 45 = | $\frac{1}{6}$ of 48 = | $\frac{1}{8}$ of 56 = | $\frac{1}{9}$ of 63 = |
| $\frac{1}{7}$ of 49 = | $\frac{1}{8}$ of 72 = | $\frac{1}{4}$ of 36 = | $\frac{1}{5}$ of 40 = |
| $\frac{1}{6}$ of 36 = | $\frac{1}{7}$ of 63 = | $\frac{1}{6}$ of 54 = | $\frac{1}{9}$ of 81 = |

4. Subtract and check:

| | | | | | |
|------|-----|-----|--------|--------|--------|
| 100 | 200 | 300 | \$5.00 | \$4.05 | \$6.40 |
| — 75 | 140 | 166 | 2.95 | 2.25 | 3.65 |

DO YOUR WORK HERE

5. Ned earned \$36.00 during his vacation. He saved $\frac{1}{3}$ of his earnings. He saved \$_____.
6. Miss Smith bought 3 dozen pencils for her class at 4¢ each. She paid \$_____ for the pencils.
7. After Nell paid \$6.75 for a dress and \$4.50 for shoes, she had \$3.75 left. She had \$_____ before buying the dress and shoes.

UNIT VI — LESSON 2

1. Subtract and check:

| | | | | | |
|---|---|---|---|---|---|
| $\begin{array}{r} 2450 \\ 1245 \\ \hline \end{array}$ | $\begin{array}{r} 3600 \\ 1800 \\ \hline \end{array}$ | $\begin{array}{r} 3520 \\ 1318 \\ \hline \end{array}$ | $\begin{array}{r} 4285 \\ 1345 \\ \hline \end{array}$ | $\begin{array}{r} 6908 \\ 3853 \\ \hline \end{array}$ | $\begin{array}{r} 7240 \\ 2508 \\ \hline \end{array}$ |
|---|---|---|---|---|---|

| | | | | | |
|---|--|--|--|--|---|
| $\begin{array}{r} 8318 \\ 6246 \\ \hline \end{array}$ | $\begin{array}{r} 12805 \\ 2565 \\ \hline \end{array}$ | $\begin{array}{r} 14003 \\ 3500 \\ \hline \end{array}$ | $\begin{array}{r} 15195 \\ 8087 \\ \hline \end{array}$ | $\begin{array}{r} 16375 \\ 7125 \\ \hline \end{array}$ | $\begin{array}{r} \diamond 17000 \\ 7265 \\ \hline \end{array}$ |
|---|--|--|--|--|---|

2. Divide:

| | | | | | |
|--|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| $\begin{array}{r} \$.75 \\ 3 \overline{) \$ 2.25} \\ 21 \\ \hline 15 \\ 15 \\ \hline \end{array}$ | $4 \overline{) \$ 3.88}$ | $6 \overline{) \$ 4.50}$ | $5 \overline{) \$ 6.50}$ | $8 \overline{) \$ 9.60}$ | $9 \overline{) \$ 9.81}$ |
|--|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|

3. We buy butter by the _____; eggs by the _____; milk by the _____; grain by the _____; and coal by the _____.

4. Write the missing numbers:

| | | |
|---------------------|--------------------|---------------------|
| 16 pt. = _____ qt. | 9 mo. = _____ yr. | 60 min. = _____ hr. |
| 32 oz. = _____ lb. | 8 oz. = _____ lb. | 30 min. = _____ hr. |
| 12 qt. = _____ gal. | 16 pk. = _____ bu. | 45 min. = _____ hr. |

DO YOUR WORK HERE

5. Ben sold 6 hens for \$7.50. He received an average price of \$_____ for a hen.

\diamond 6. Jack's father hauled hay to the market. The first load weighed 12,350 pounds, and the second load weighed 9,650. The two loads weighed _____ pounds. The first load weighed _____ pounds more than the second load.

UNIT VI — LESSON 3

1. Multiply:

$$\begin{array}{r} 2304 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 3412 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 1108 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 3510 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 4302 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 5332 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} \$10.25 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} \$20.40 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} \$25.10 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} \$30.15 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} \$42.60 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} \diamond \$48.45 \\ \times 7 \\ \hline \end{array}$$

2. Subtract and check:

$$\begin{array}{r} 3200 \\ - 1500 \\ \hline \end{array}$$

$$\begin{array}{r} 2420 \\ - 1250 \\ \hline \end{array}$$

$$\begin{array}{r} 4810 \\ - 2560 \\ \hline \end{array}$$

$$\begin{array}{r} 5048 \\ - 2835 \\ \hline \end{array}$$

$$\begin{array}{r} \$32.40 \\ - 16.20 \\ \hline \end{array}$$

$$\begin{array}{r} \diamond \$48.10 \\ - 24.45 \\ \hline \end{array}$$

3. There are _____ inches in a foot; _____ feet in a yard; _____ yards in a mile; _____ feet in a mile.

4. Divide:

$$3 \overline{)16}$$

$$4 \overline{)29}$$

$$6 \overline{)627}$$

$$8 \overline{)3244}$$

$$9 \overline{)2891}$$

$$\diamond 7 \overline{)2142}$$

DO YOUR WORK HERE

5. Nan bought 18 pounds of cherries at 9¢ a pound.

The cherries cost \$_____.

6. A farmer sold 8 hogs at an average price of \$24.60. He received \$_____ for the hogs.

\diamond 7. If a dairy sells 2480 pints of milk a day, in a week it will sell _____ pints of milk, which is _____ gallons.

UNIT VI — LESSON 4

1. Divide:

$$\begin{array}{r} 400 \\ 4 \overline{) 1600} \\ \underline{16} \\ 00 \\ \underline{00} \end{array}$$

$$5 \overline{) 1500}$$

$$5 \overline{) 25000}$$

$$6 \overline{) 1260}$$

$$6 \overline{) 12600}$$

$$9 \overline{) 3600}$$

$$\begin{array}{r} 4000 \\ 4 \overline{) 16000} \\ \underline{16} \\ 000 \\ \underline{000} \end{array}$$

$$4 \overline{) 12484}$$

$$3 \overline{) 13200}$$

$$9 \overline{) 63900}$$

$$6 \overline{) 32406}$$

$$\diamond 7 \overline{) 42357}$$

2. Add:

$$\begin{array}{r} 2183 \\ 4251 \\ 1627 \\ 1234 \\ \hline \end{array}$$

$$\begin{array}{r} 1517 \\ 3642 \\ 2265 \\ 3150 \\ \hline \end{array}$$

$$\begin{array}{r} 1085 \\ 2724 \\ 3615 \\ 4104 \\ \hline \end{array}$$

$$\begin{array}{r} 4565 \\ 1205 \\ 4160 \\ 2738 \\ \hline \end{array}$$

$$\begin{array}{r} 1929 \\ 1440 \\ 3085 \\ 2409 \\ \hline \end{array}$$

$$\begin{array}{r} \diamond 7229 \\ 3570 \\ 4608 \\ 6277 \\ \hline \end{array}$$

3. Write the number for each blank:

8 yd. = _____ ft.

10 gal. = _____ pt.

20 dimes = _____ ¢

12 wk. = _____ days

48 oz. = _____ lb.

5 lb. = _____ oz.

4 hr. = _____ min.

5 yr. = _____ mo.

8 doz. = _____ things

DO YOUR WORK HERE

4. Robert spread 1812 pounds of commercial fertilizer on 6 acres of land. He put an average of _____ pounds of fertilizer to the acre.

5. At \$4.50 each, two bicycle tires cost \$_____.

\diamond 6. Bob went with his father on a trip. They drove 1538 miles in June and 1712 miles in July. They drove _____ miles in the 2 months. They drove _____ miles more in July than in June.

UNIT VI — LESSON 5

1. Multiply by 10; to multiply by 10, we move the number to the tens' place and write 0 to hold the ones' place.

$10 \times 4 = 40$

$10 \times 5 = \underline{\hspace{2cm}}$

$10 \times 6 = \underline{\hspace{2cm}}$

$10 \times 7 = \underline{\hspace{2cm}}$

$$\begin{array}{r} 8 \\ 10 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ 10 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ 10 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ 10 \\ \hline \end{array}$$

$$\begin{array}{r} 25 \\ 10 \\ \hline \end{array}$$

$$\begin{array}{r} 43 \\ 10 \\ \hline \end{array}$$

$$\begin{array}{r} 54 \\ 10 \\ \hline \end{array}$$

$$\begin{array}{r} 76 \\ 10 \\ \hline \end{array}$$

$$\begin{array}{r} 63 \\ 10 \\ \hline \end{array}$$

$$\begin{array}{r} 56 \\ 10 \\ \hline \end{array}$$

$$\begin{array}{r} 67 \\ 10 \\ \hline \end{array}$$

$$\begin{array}{r} 78 \\ 10 \\ \hline \end{array}$$

$$\begin{array}{r} 85 \\ 10 \\ \hline \end{array}$$

$$\begin{array}{r} 88 \\ 10 \\ \hline \end{array}$$

$$\begin{array}{r} 94 \\ 10 \\ \hline \end{array}$$

$$\begin{array}{r} 237 \\ 10 \\ \hline \end{array}$$

2. Write these products:

$$\begin{array}{r} 10 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ 5 \\ \hline \end{array}$$

$$\begin{array}{r} 20 \\ 4 \\ \hline \end{array}$$

$$\begin{array}{r} 30 \\ 6 \\ \hline \end{array}$$

$$\begin{array}{r} 40 \\ 2 \\ \hline \end{array}$$

$$\begin{array}{r} 50 \\ 5 \\ \hline \end{array}$$

$$\begin{array}{r} 60 \\ 8 \\ \hline \end{array}$$

$$\begin{array}{r} 70 \\ 9 \\ \hline \end{array}$$

3. Write in columns and add:

a.

b.

c.

d.

a. 35¢, 85¢, \$1.25, \$1.00

b. 9¢, 54¢, \$3.45, \$2.28

c. 16¢, 36¢, 89¢, \$2.37

d. \$2.05, \$3.75, \$5.67, \$8.40

DO YOUR WORK HERE

4. Dan sold 10 baskets of strawberries at 25¢ a basket. He received \$_____ for the berries.

5. At 10¢ each, a dozen grapefruit cost \$_____.

6. Norma went to the store and bought:

6 lb. tomatoes at 10¢ a lb. \$_____

2 doz. eggs at 50¢ a dozen _____

3 loaves of bread at 20¢ a loaf _____

5 cans of fruit juice at 30¢ a can _____

The groceries cost \$_____

She got _____ in change from a \$10 bill.

UNIT VI — LESSON 6

1. Multiply; to multiply a number by 20, by 30, or by any multiple of ten, write 0 to hold the ones' place and multiply by 2, or by 3, or by the multiple:

$$\begin{array}{r} 12 \\ 20 \\ \hline 240 \end{array}$$

$$\begin{array}{r} 15 \\ 20 \\ \hline 300 \end{array}$$

$$\begin{array}{r} 13 \\ 30 \\ \hline 390 \end{array}$$

$$\begin{array}{r} 15 \\ 30 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ 40 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ 20 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ 20 \\ \hline \end{array}$$

$$\begin{array}{r} 22 \\ 30 \\ \hline \end{array}$$

$$\begin{array}{r} 24 \\ 30 \\ \hline \end{array}$$

$$\begin{array}{r} 22 \\ 40 \\ \hline \end{array}$$

$$\begin{array}{r} 32 \\ 50 \\ \hline \end{array}$$

$$\begin{array}{r} 45 \\ 60 \\ \hline \end{array}$$

$$\begin{array}{r} 25 \\ 70 \\ \hline \end{array}$$

$$\begin{array}{r} 42 \\ 80 \\ \hline \end{array}$$

$$\begin{array}{r} 36 \\ 90 \\ \hline \end{array}$$

$$\begin{array}{r} 54 \\ 20 \\ \hline \end{array}$$

$$\begin{array}{r} 83 \\ 30 \\ \hline \end{array}$$

$$\begin{array}{r} 78 \\ 40 \\ \hline \end{array}$$

$$\begin{array}{r} 94 \\ 50 \\ \hline \end{array}$$

2. Divide and check:

$$\begin{array}{r} 900 \\ 7 \overline{) 6300} \\ \underline{63} \\ 00 \\ \underline{00} \\ 00 \end{array}$$

Check:

$$\begin{array}{r} 900 \\ 7 \overline{) 6300} \\ \underline{63} \\ 00 \\ \underline{00} \\ 00 \end{array}$$

$$5 \overline{) 35150}$$

$$9 \overline{) 38718}$$

$$6 \overline{) 44463}$$

3. Add and check:

$$\begin{array}{r} 125 \\ 9 \\ 143 \\ 355 \\ \hline \end{array}$$

$$\begin{array}{r} 38\text{¢} \\ 45\text{¢} \\ 67\text{¢} \\ 8\text{¢} \\ \hline \end{array}$$

$$\begin{array}{r} \$11.65 \\ 13.80 \\ 12.75 \\ 4.93 \\ \hline \end{array}$$

$$\begin{array}{r} 3860 \\ 475 \\ 1688 \\ 537 \\ \hline \end{array}$$

$$\begin{array}{r} 4069 \\ 708 \\ 3546 \\ 5687 \\ \hline \end{array}$$

$$\begin{array}{r} \$123.54 \\ 48.10 \\ 8.75 \\ 33.78 \\ \hline \end{array}$$

DO YOUR WORK HERE

4. Roy counted 12 rows of fruit trees with 20 trees in each row. There were _____ fruit trees in the orchard.
5. Harry paid 25¢ a gallon for 20 gallons of gasoline. He paid \$_____ for the gasoline.
6. Nelson earned 60¢ a day for 20 days. He earned \$_____. He bought a book for \$1.25 and roller skates for \$3.80. He had \$_____ left.

UNIT VI — LESSON 7

1. To multiply a number like 22 by 12,

$$\begin{array}{r} 22 \\ 12 \\ \hline 44 \\ 22 \\ \hline 264 \end{array}$$

first, multiply 22 by the 2 ones
then, multiply 22 by the 1 ten
then, add

Tell how the first two problems are multiplied; then multiply the other problems:

| | | | | | | |
|--|--|---|---|---|---|---|
| $\begin{array}{r} 32 \\ 13 \\ \hline 96 \\ 32 \\ \hline 416 \end{array}$ | $\begin{array}{r} 24 \\ 14 \\ \hline 96 \\ 24 \\ \hline 336 \end{array}$ | $\begin{array}{r} 14 \\ 11 \\ \hline \end{array}$ | $\begin{array}{r} 24 \\ 12 \\ \hline \end{array}$ | $\begin{array}{r} 23 \\ 21 \\ \hline \end{array}$ | $\begin{array}{r} 42 \\ 22 \\ \hline \end{array}$ | $\begin{array}{r} 53 \\ 32 \\ \hline \end{array}$ |
| $\begin{array}{r} 25 \\ 12 \\ \hline \end{array}$ | $\begin{array}{r} 38 \\ 11 \\ \hline \end{array}$ | $\begin{array}{r} 47 \\ 12 \\ \hline \end{array}$ | $\begin{array}{r} 36 \\ 15 \\ \hline \end{array}$ | $\begin{array}{r} 28 \\ 14 \\ \hline \end{array}$ | $\begin{array}{r} 43 \\ 23 \\ \hline \end{array}$ | $\begin{array}{r} 47 \\ 33 \\ \hline \end{array}$ |

2. Write in figures:

Three million, three hundred sixty-five thousand, twenty

Sixteen million, fifty-five thousand, three hundred five

3. Subtract:

| | | | | |
|--|---|---|---|--|
| $\begin{array}{r} \$12.00 \\ 2.85 \\ \hline \end{array}$ | $\begin{array}{r} \$24.00 \\ 12.65 \\ \hline \end{array}$ | $\begin{array}{r} \$45.00 \\ 22.45 \\ \hline \end{array}$ | $\begin{array}{r} \$40.00 \\ 17.36 \\ \hline \end{array}$ | $\begin{array}{r} \$60.15 \\ 9.18 \\ \hline \end{array}$ |
|--|---|---|---|--|

DO YOUR WORK HERE

4. At \$35 each, 12 radios cost \$.....
5. Daniel earned 75¢ a day for 25 days. He earned \$.....
6. Frank went with his father on a trip. The first week they drove 535 miles; the second week, 572 miles; and the third week, 493 miles. They drove miles in the 3 weeks. They made 20 miles to the gallon of gasoline. It took gallons of gasoline to make the trip.

UNIT VI — LESSON 8

1. Multiply; write the products:

| | | | | | | |
|--|---|---|---|---|---|---|
| $\begin{array}{r} 14 \\ 12 \\ \hline 28 \\ 14 \\ \hline 168 \end{array}$ | $\begin{array}{r} 24 \\ 14 \\ \hline \end{array}$ | $\begin{array}{r} 36 \\ 16 \\ \hline \end{array}$ | $\begin{array}{r} 42 \\ 23 \\ \hline \end{array}$ | $\begin{array}{r} 28 \\ 15 \\ \hline \end{array}$ | $\begin{array}{r} 34 \\ 16 \\ \hline \end{array}$ | $\begin{array}{r} 35 \\ 24 \\ \hline \end{array}$ |
|--|---|---|---|---|---|---|

2. Divide and check:

| | | | |
|----------------------|-----------------------|-----------------------|--------------------------------|
| $7 \overline{)1540}$ | $8 \overline{)56024}$ | $9 \overline{)37809}$ | $\diamond 7 \overline{)49077}$ |
|----------------------|-----------------------|-----------------------|--------------------------------|

3. Subtract:

| | | | | | |
|---|---|---|--|---|--|
| $\begin{array}{r} 32 \\ 17 \\ \hline \end{array}$ | $\begin{array}{r} 345 \\ 128 \\ \hline \end{array}$ | $\begin{array}{r} 730 \\ 455 \\ \hline \end{array}$ | $\begin{array}{r} \$13.00 \\ 8.25 \\ \hline \end{array}$ | $\begin{array}{r} \$25.10 \\ 13.85 \\ \hline \end{array}$ | $\begin{array}{r} \diamond \$40.05 \\ 17.15 \\ \hline \end{array}$ |
|---|---|---|--|---|--|

4. Add down; check by adding up:

| | | | | | |
|--|---|---|---|---|---|
| $\begin{array}{r} 323 \\ 434 \\ 515 \\ \hline \end{array}$ | $\begin{array}{r} 3450 \\ 3665 \\ 1338 \\ \hline \end{array}$ | $\begin{array}{r} 1257 \\ 3738 \\ 4085 \\ \hline \end{array}$ | $\begin{array}{r} \$15.38 \\ 1.79 \\ 23.54 \\ \hline \end{array}$ | $\begin{array}{r} \$33.75 \\ 22.85 \\ 8.65 \\ \hline \end{array}$ | $\begin{array}{r} \diamond \$42.45 \\ 18.45 \\ 36.80 \\ \hline \end{array}$ |
|--|---|---|---|---|---|

DO YOUR WORK HERE

5. For a class play, the fourth grade bought 24 yards of bunting at 15¢ a yard. The bunting cost \$_____.

6. Carl made 80, 88, 65, and 75 on his arithmetic tests. His average was _____.

\diamond 7. Our school printed 500 tickets for a picture show. We sold 389 tickets at 10¢ each. We made \$_____ from the ticket sales. We had _____ tickets left unsold.

UNIT VI — LESSON 9

1. Write the products:

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| $\begin{array}{r} 14 \\ 20 \\ \hline \end{array}$ | $\begin{array}{r} 18 \\ 30 \\ \hline \end{array}$ | $\begin{array}{r} 24 \\ 40 \\ \hline \end{array}$ | $\begin{array}{r} 37 \\ 12 \\ \hline \end{array}$ | $\begin{array}{r} 45 \\ 14 \\ \hline \end{array}$ | $\begin{array}{r} 63 \\ 15 \\ \hline \end{array}$ | $\begin{array}{r} 48 \\ 23 \\ \hline \end{array}$ | $\begin{array}{r} 56 \\ 25 \\ \hline \end{array}$ |
|---|---|---|---|---|---|---|---|

2. Divide and check:

| | | | | |
|-----------------------|-----------------------|------------------------|------------------------|------------------------|
| $6 \overline{) 2652}$ | $9 \overline{) 4698}$ | $9 \overline{) 72810}$ | $7 \overline{) 43610}$ | $8 \overline{) 50520}$ |
|-----------------------|-----------------------|------------------------|------------------------|------------------------|

3. Add:

| | | | | |
|---|--|--|--|--|
| $\begin{array}{r} \$ 4.00 \\ 2.67 \\ 5.25 \\ 10.75 \\ \hline \end{array}$ | $\begin{array}{r} \$ 12.40 \\ 6.85 \\ 9.43 \\ 17.67 \\ \hline \end{array}$ | $\begin{array}{r} \$ 16.50 \\ 9.35 \\ 14.46 \\ 3.75 \\ \hline \end{array}$ | $\begin{array}{r} \$ 35.15 \\ 7.35 \\ 14.38 \\ 6.15 \\ \hline \end{array}$ | $\begin{array}{r} \diamond \$ 115.65 \\ 22.19 \\ 48.66 \\ 73.28 \\ \hline \end{array}$ |
|---|--|--|--|--|

4. Subtract and check:

| | | | | |
|--|--|---|---|---|
| $\begin{array}{r} \$ 2.00 \\ 1.05 \\ \hline \end{array}$ | $\begin{array}{r} \$ 5.00 \\ 2.25 \\ \hline \end{array}$ | $\begin{array}{r} \$ 10.00 \\ 7.48 \\ \hline \end{array}$ | $\begin{array}{r} \$ 12.50 \\ 8.80 \\ \hline \end{array}$ | $\begin{array}{r} \diamond \$ 63.10 \\ 19.85 \\ \hline \end{array}$ |
|--|--|---|---|---|

DO YOUR WORK HERE

5. Donald went with his father to buy cattle. They bought a cow for \$168.00, a yearling for \$125.50, and a calf for \$43.50. They paid \$_____ for the cattle.

6. A steamship sailed 3645 miles in 9 days. The steamship made an average of _____ miles every day.

\diamond 7. David had \$5.00 and spent \$1.95. He earned \$1.50 and then had \$_____.

UNIT VI — LESSON 10

1. Find the products:

$$\begin{array}{r} 45 \\ 12 \end{array} \quad \begin{array}{r} 39 \\ 13 \end{array} \quad \begin{array}{r} 45 \\ 15 \end{array} \quad \begin{array}{r} 36 \\ 14 \end{array} \quad \begin{array}{r} 55 \\ 16 \end{array} \quad \begin{array}{r} 36 \\ 23 \end{array} \quad \begin{array}{r} 48 \\ 21 \end{array} \quad \begin{array}{r} 67 \\ 24 \end{array}$$

$$\begin{array}{r} 50 \\ 26 \end{array} \quad \begin{array}{r} 60 \\ 32 \end{array} \quad \begin{array}{r} 38 \\ 11 \end{array} \quad \begin{array}{r} 57 \\ 24 \end{array} \quad \begin{array}{r} 43 \\ 14 \end{array} \quad \begin{array}{r} 49 \\ 13 \end{array} \quad \begin{array}{r} 63 \\ 25 \end{array} \quad \begin{array}{r} 85 \\ 40 \end{array}$$

2. Subtract and check:

$$\begin{array}{r} 28\phi \\ 18 \end{array} \quad \begin{array}{r} 42\phi \\ 25 \end{array} \quad \begin{array}{r} 64\phi \\ 36 \end{array} \quad \begin{array}{r} \$1.75 \\ .38 \end{array} \quad \begin{array}{r} \$13.20 \\ 10.65 \end{array} \quad \begin{array}{r} \$28.00 \\ 13.75 \end{array}$$

3. Divide and check:

$$\begin{array}{r} 106 \text{ r } 2 \\ 3 \overline{) 320} \\ \underline{3} \\ 20 \\ \underline{18} \\ 2 \end{array} \quad \begin{array}{l} \text{Check:} \\ 106 \\ \underline{3} \\ 318 \\ \underline{2} \\ 320 \end{array} \quad 5 \overline{) 2624} \quad 8 \overline{) 3845} \quad \diamond 9 \overline{) 46910}$$

DO YOUR WORK HERE

4. Terry earned 85¢ a day for 15 days. He earned \$_____.

◇ 5. Marlin drove with his father from Austin to Santa Fe. They drove for 22 hours, at an average speed of 45 miles an hour. The distance from Austin to Santa Fe is _____ miles. They used 50 gallons of gasoline for the trip. At 25¢ a gallon, the gasoline cost \$_____.

UNIT VI — LESSON 11

1. Write the products:

$$\begin{array}{r} 34 \\ 13 \\ \hline \end{array}$$

$$\begin{array}{r} 42 \\ 16 \\ \hline \end{array}$$

$$\begin{array}{r} 55 \\ 17 \\ \hline \end{array}$$

$$\begin{array}{r} 48 \\ 25 \\ \hline \end{array}$$

$$\begin{array}{r} 76 \\ 18 \\ \hline \end{array}$$

$$\begin{array}{r} 82 \\ 29 \\ \hline \end{array}$$

$$\begin{array}{r} 93 \\ 26 \\ \hline \end{array}$$

$$\begin{array}{r} 68 \\ 39 \\ \hline \end{array}$$

$$\begin{array}{r} 24 \\ 41 \\ \hline \end{array}$$

$$\begin{array}{r} 35 \\ 43 \\ \hline \end{array}$$

$$\begin{array}{r} 47 \\ 54 \\ \hline \end{array}$$

$$\begin{array}{r} 54 \\ 24 \\ \hline \end{array}$$

$$\begin{array}{r} 63 \\ 36 \\ \hline \end{array}$$

$$\begin{array}{r} 75 \\ 28 \\ \hline \end{array}$$

$$\begin{array}{r} 82 \\ 43 \\ \hline \end{array}$$

$$\begin{array}{r} 94 \\ 47 \\ \hline \end{array}$$

2. Divide and check:

$$4 \overline{) 4200}$$

$$8 \overline{) 4320}$$

$$5 \overline{) 4055}$$

$$9 \overline{) 63096}$$

3. Write the number for each blank:

$$\frac{1}{5} \text{ of } 240 = \underline{\hspace{2cm}}$$

$$\frac{1}{4} \text{ of } 232 = \underline{\hspace{2cm}}$$

$$\frac{1}{8} \text{ of } 344 = \underline{\hspace{2cm}}$$

$$\frac{1}{2} \text{ of } 318 = \underline{\hspace{2cm}}$$

$$\frac{1}{6} \text{ of } 342 = \underline{\hspace{2cm}}$$

$$\frac{1}{9} \text{ of } 459 = \underline{\hspace{2cm}}$$

$$\frac{1}{3} \text{ of } 204 = \underline{\hspace{2cm}}$$

$$\frac{1}{3} \text{ of } 414 = \underline{\hspace{2cm}}$$

$$\frac{1}{4} \text{ of } 376 = \underline{\hspace{2cm}}$$

DO YOUR WORK HERE

4. Our class collected \$12.45 to buy books. The books cost \$16.00. The class needs to raise \$_____ more to buy the books.

5. If 3 baseball gloves cost \$13.50, one baseball glove costs \$_____, and 9 baseball gloves cost \$_____.

6. Bob and Mack helped their uncle cut weeds. The boys were paid \$1.80, which they shared equally. Bob spent 45¢ of his money and had _____¢ left.

UNIT VI — LESSON 12

1. Divide; watch zeros and remainders:

$$5 \overline{) 25350}$$

$$8 \overline{) 36280}$$

$$7 \overline{) 51809}$$

$$6 \overline{) \$132.00}$$

$$9 \overline{) \$282.60}$$

$$4 \overline{) 16206}$$

$$6 \overline{) 42243}$$

$$9 \overline{) 27065}$$

$$8 \overline{) \$252.40}$$

$$7 \overline{) \$212.45}$$

2. Write the products:

$$\begin{array}{r} 20 \\ 26 \\ \hline \end{array}$$

$$\begin{array}{r} 25 \\ 16 \\ \hline \end{array}$$

$$\begin{array}{r} \$1.25 \\ 36 \\ \hline \end{array}$$

$$\begin{array}{r} \$1.30 \\ 47 \\ \hline \end{array}$$

$$\begin{array}{r} \diamond \$2.45 \\ 56 \\ \hline \end{array}$$

3. Write the numbers for the blanks:

$$1 \text{ yd.} = \text{_____ in.}$$

$$1 \text{ hr.} = \text{_____ min.}$$

$$1 \text{ yr.} = \text{_____ mo.}$$

$$\frac{1}{2} \text{ yd.} = \text{_____ in.}$$

$$\frac{1}{2} \text{ hr.} = \text{_____ min.}$$

$$1 \text{ doz.} = \text{_____ things}$$

$$\frac{1}{3} \text{ yd.} = \text{_____ in.}$$

$$\frac{1}{4} \text{ hr.} = \text{_____ min.}$$

$$1 \text{ lb.} = \text{_____ oz.}$$

4. Subtract:

$$\begin{array}{r} 212 \\ 95 \\ \hline \end{array}$$

$$\begin{array}{r} 320 \\ 148 \\ \hline \end{array}$$

$$\begin{array}{r} 635 \\ 390 \\ \hline \end{array}$$

$$\begin{array}{r} 1540 \\ 1276 \\ \hline \end{array}$$

$$\begin{array}{r} 3025 \\ 1625 \\ \hline \end{array}$$

$$\begin{array}{r} 14005 \\ 12025 \\ \hline \end{array}$$

$$\begin{array}{r} \diamond 37210 \\ 14355 \\ \hline \end{array}$$

DO YOUR WORK HERE

5. The 30 children of the fourth grade want to buy a flag for each child at 25¢ a flag. The class has \$5.80 but needs \$_____ more to buy the flags.

6. Helen saved \$1.65 one week, \$1.45 the second week, and \$1.80 the third week. After she had spent \$1.35 of her savings, she had \$_____ left.

UNIT VI — LESSON 13

1. Write the products:

$$\begin{array}{r} \$1.25 \\ \times 16 \\ \hline \end{array}$$

$$\begin{array}{r} \$2.50 \\ \times 18 \\ \hline \end{array}$$

$$\begin{array}{r} \$3.25 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} \$2.60 \\ \times 16 \\ \hline \end{array}$$

$$\begin{array}{r} \$5.50 \\ \times 45 \\ \hline \end{array}$$

2. Add and check:

| | | | | | | |
|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 7 | 8 | 16 | 38¢ | \$1.35 | \$4.80 | \$15.75 |
| 3 | 2 | 7 | 54¢ | 4.38 | 7.65 | 7.85 |
| 9 | 7 | 23 | 27¢ | .97 | 4.77 | 10.90 |
| 5 | 9 | 48 | 63¢ | 3.85 | 5.05 | 6.08 |
| 2 | 4 | 5 | 19¢ | 2.16 | .75 | 3.76 |
| <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> |

3. Work; watch the signs:

$$\begin{array}{r} \$4.75 \\ .87 \\ 3.37 \\ + .96 \\ \hline \end{array}$$

$$\begin{array}{r} \$24.00 \\ - 12.35 \\ \hline \end{array}$$

$$\begin{array}{r} \$3.60 \\ \times 24 \\ \hline \end{array}$$

$$8 \overline{) \$42.40}$$

$$9 \overline{) \$54.36}$$

$$\begin{array}{r} \$33.10 \\ - 22.50 \\ \hline \end{array}$$

DO YOUR WORK HERE

4. May's school day begins at 8:30 A.M. and closes at 3:30 P.M. She spends _____ hours in school every day.

5. Kenneth has a 6-week vacation. He has _____ days for vacation.

6. Arthur took 24 dozen eggs to market one week and 36 dozen the next week. He received 40¢ a dozen for the eggs. Arthur received \$_____ for the _____ dozen eggs.

UNIT VI — LESSON 14

1. Subtract:

$$\begin{array}{r} 2000 \\ 1050 \\ \hline \end{array}$$

$$\begin{array}{r} 4000 \\ 3062 \\ \hline \end{array}$$

$$\begin{array}{r} 3108 \\ 1456 \\ \hline \end{array}$$

$$\begin{array}{r} 4050 \\ 1755 \\ \hline \end{array}$$

$$\begin{array}{r} 30000 \\ 14255 \\ \hline \end{array}$$

$$\begin{array}{r} \diamond 50050 \\ 30085 \\ \hline \end{array}$$

2. Write in columns and add:

a.

b.

c.

d.

a. 5¢, 25¢, \$1.50, 69¢

b. 35¢, \$2.65, 75¢, 8¢

c. 10¢, 45¢, 9¢, \$3.10

d. \$2.18, 30¢, 7¢, \$1.75

3. Write the products:

$$\begin{array}{r} 23 \\ 19 \\ \hline \end{array}$$

$$\begin{array}{r} 28 \\ 14 \\ \hline \end{array}$$

$$\begin{array}{r} 35 \\ 23 \\ \hline \end{array}$$

$$\begin{array}{r} 64 \\ 26 \\ \hline \end{array}$$

$$\begin{array}{r} 78 \\ 43 \\ \hline \end{array}$$

$$\begin{array}{r} 90 \\ 54 \\ \hline \end{array}$$

4. Divide:

$$4 \overline{)624}$$

$$6 \overline{)4440}$$

$$8 \overline{)34800}$$

$$9 \overline{)96309}$$

$$\diamond 7 \overline{)91000}$$

5. Judy has 85¢. Ray has 5 times as much money as Judy. Ray has \$_____. Ray and Judy together have \$_____.

6. Clarence bought a hat for \$2.75, tennis shoes for \$1.90, and a suit for \$15. He spent \$_____.

\diamond 7. Louise had \$20. She spent \$8.75 for a dress, \$4.25 for a hat, and \$5.50 for shoes. She spent \$_____ and had \$_____ left.

DO YOUR WORK HERE

UNIT VI — LESSON 15

1. Multiply:

$$\begin{array}{r} 20 \\ 15 \\ \hline \end{array}$$

$$\begin{array}{r} 25 \\ 25 \\ \hline \end{array}$$

$$\begin{array}{r} 37 \\ 32 \\ \hline \end{array}$$

$$\begin{array}{r} 67 \\ 45 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ 20 \\ \hline \end{array}$$

$$\begin{array}{r} 36 \\ 18 \\ \hline \end{array}$$

$$\begin{array}{r} 37 \\ 26 \\ \hline \end{array}$$

$$\begin{array}{r} 48 \\ 34 \\ \hline \end{array}$$

$$\begin{array}{r} 59 \\ 46 \\ \hline \end{array}$$

$$\begin{array}{r} 93 \\ 52 \\ \hline \end{array}$$

2. Divide:

$$7 \overline{)4907}$$

$$8 \overline{)6560}$$

$$9 \overline{)8379}$$

$$6 \overline{)52506}$$

$$9 \overline{)38700}$$

$$\begin{array}{r} \\ 8 \overline{)24488} \end{array}$$

3. Subtract:

$$\begin{array}{r} 200 \\ 80 \\ \hline \end{array}$$

$$\begin{array}{r} 300 \\ 155 \\ \hline \end{array}$$

$$\begin{array}{r} 420 \\ 160 \\ \hline \end{array}$$

$$\begin{array}{r} 3200 \\ 1650 \\ \hline \end{array}$$

$$\begin{array}{r} 21050 \\ 11438 \\ \hline \end{array}$$

$$\begin{array}{r} 43040 \\ 12045 \\ \hline \end{array}$$

DO YOUR WORK HERE

4. Nell's new book has 130 pages. She has read 85 pages and has _____ pages left to read.

5. A 4-H boy had 3 hogs weighing 110 pounds, 90 pounds, and 130 pounds. The average weight of the hogs was _____ pounds.

6. Jean bought material for a dress. She paid \$3.25 for a piece of goods, \$1.85 for a second piece, and 75¢ for a ribbon. She spent \$_____ and had \$_____ left from \$10.00.

IMPORTANT MEASURES

MEASURES OF LENGTH

12 inches = 1 foot

3 feet = 1 yard

16½ feet = 1 rod

5½ yards = 1 rod

320 rods = 1 mile

5280 feet = 1 mile

MEASURES OF SURFACE

144 sq. in. = 1 sq. ft.

9 sq. ft. = 1 sq. yd.

30¼ sq. yd. = 1 sq. rd.

160 sq. rd. = 1 acre

4840 sq. yd. = 1 acre

640 acres = 1 section

160 acres = ¼ section

DRY MEASURE

2 pints (pt.) = 1 qt.

8 qt. = 1 peck (pk.)

4 pk. = 1 bu.

1 bu. = 1¼ cu. ft.

1 bu. = 2150.42 cu. in.

MEASURES OF TIME

60 sec. = 1 min.

60 min. = 1 hr.

24 hr. = 1 day

7 days = 1 wk.

52 wk. = 1 yr.

30 days = 1 mo.

12 mo. = 1 yr.

365 days = 1 yr.

366 days = 1 leap year

100 yr. = 1 century

LIQUID MEASURE

2 cups = 1 pint

2 pints = 1 quart

4 qt. = 1 gal.

7½ gal. = 1 cu. ft.

1 cu. ft. of water weighs 62½ lb.

COOKING MEASURES

3 teaspoons = 1 tablespoon

16 tablespoons = 1 cup

2 cups = 1 pint

COMMERCIAL WEIGHTS

16 oz. = 1 lb.

100 lb. = 1 cwt.

2000 lb. = 1 ton

60 lb. = 1 bu. wheat, beans,
peas, potatoes

32 lb. = 1 bu. oats

56 lb. = 1 bu. corn

70 lb. = 1 bu. ear corn

EQUIVALENTS

12 units = 1 doz.

12 doz. = 1 gross

20 units = 1 score

4 in. = 1 hand

6 ft. = 1 fathom

31½ gal. = 1 bbl.

CUBIC MEASURE

1728 cu. in. = 1 cu. ft.

27 cu. ft. = 1 cu. yd.

A cord of wood is 4 ft. by 4 ft.

by 8 ft = 128 cu. ft.

THE SCORE CARD (THE NUMBER RIGHT)

UNIT I — Pages 3-19

| LESSON | DATE | RIGHT |
|-----------|-------|-------|
| Lesson 1 | _____ | _____ |
| Lesson 2 | _____ | _____ |
| Lesson 3 | _____ | _____ |
| Lesson 4 | _____ | _____ |
| Lesson 5 | _____ | _____ |
| Lesson 6 | _____ | _____ |
| Lesson 7 | _____ | _____ |
| Lesson 8 | _____ | _____ |
| Lesson 9 | _____ | _____ |
| Lesson 10 | _____ | _____ |
| Lesson 11 | _____ | _____ |
| Lesson 12 | _____ | _____ |
| Lesson 13 | _____ | _____ |
| Lesson 14 | _____ | _____ |
| Lesson 15 | _____ | _____ |

UNIT II — Pages 20-34

| LESSON | DATE | RIGHT |
|-----------|-------|-------|
| Lesson 1 | _____ | _____ |
| Lesson 2 | _____ | _____ |
| Lesson 3 | _____ | _____ |
| Lesson 4 | _____ | _____ |
| Lesson 5 | _____ | _____ |
| Lesson 6 | _____ | _____ |
| Lesson 7 | _____ | _____ |
| Lesson 8 | _____ | _____ |
| Lesson 9 | _____ | _____ |
| Lesson 10 | _____ | _____ |
| Lesson 11 | _____ | _____ |
| Lesson 12 | _____ | _____ |
| Lesson 13 | _____ | _____ |
| Lesson 14 | _____ | _____ |
| Lesson 15 | _____ | _____ |

UNIT III — Pages 35-49

| LESSON | DATE | RIGHT |
|-----------|-------|-------|
| Lesson 1 | _____ | _____ |
| Lesson 2 | _____ | _____ |
| Lesson 3 | _____ | _____ |
| Lesson 4 | _____ | _____ |
| Lesson 5 | _____ | _____ |
| Lesson 6 | _____ | _____ |
| Lesson 7 | _____ | _____ |
| Lesson 8 | _____ | _____ |
| Lesson 9 | _____ | _____ |
| Lesson 10 | _____ | _____ |
| Lesson 11 | _____ | _____ |
| Lesson 12 | _____ | _____ |
| Lesson 13 | _____ | _____ |
| Lesson 14 | _____ | _____ |
| Lesson 15 | _____ | _____ |

UNIT IV — Pages 50-64

| LESSON | DATE | RIGHT |
|-----------|-------|-------|
| Lesson 1 | _____ | _____ |
| Lesson 2 | _____ | _____ |
| Lesson 3 | _____ | _____ |
| Lesson 4 | _____ | _____ |
| Lesson 5 | _____ | _____ |
| Lesson 6 | _____ | _____ |
| Lesson 7 | _____ | _____ |
| Lesson 8 | _____ | _____ |
| Lesson 9 | _____ | _____ |
| Lesson 10 | _____ | _____ |
| Lesson 11 | _____ | _____ |
| Lesson 12 | _____ | _____ |
| Lesson 13 | _____ | _____ |
| Lesson 14 | _____ | _____ |
| Lesson 15 | _____ | _____ |

UNIT V — Pages 65-79

| LESSON | DATE | RIGHT |
|-----------|-------|-------|
| Lesson 1 | _____ | _____ |
| Lesson 2 | _____ | _____ |
| Lesson 3 | _____ | _____ |
| Lesson 4 | _____ | _____ |
| Lesson 5 | _____ | _____ |
| Lesson 6 | _____ | _____ |
| Lesson 7 | _____ | _____ |
| Lesson 8 | _____ | _____ |
| Lesson 9 | _____ | _____ |
| Lesson 10 | _____ | _____ |
| Lesson 11 | _____ | _____ |
| Lesson 12 | _____ | _____ |
| Lesson 13 | _____ | _____ |
| Lesson 14 | _____ | _____ |
| Lesson 15 | _____ | _____ |

UNIT VI — Pages 80-94

| LESSON | DATE | RIGHT |
|-----------|-------|-------|
| Lesson 1 | _____ | _____ |
| Lesson 2 | _____ | _____ |
| Lesson 3 | _____ | _____ |
| Lesson 4 | _____ | _____ |
| Lesson 5 | _____ | _____ |
| Lesson 6 | _____ | _____ |
| Lesson 7 | _____ | _____ |
| Lesson 8 | _____ | _____ |
| Lesson 9 | _____ | _____ |
| Lesson 10 | _____ | _____ |
| Lesson 11 | _____ | _____ |
| Lesson 12 | _____ | _____ |
| Lesson 13 | _____ | _____ |
| Lesson 14 | _____ | _____ |
| Lesson 15 | _____ | _____ |

BOOK

4

THE

Modern Practice
Book in Arithmetic